

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6745	07-00130-03-PV	TAZEWELL	39	1
		ILLINOIS	CONTRACT NO. 89481	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

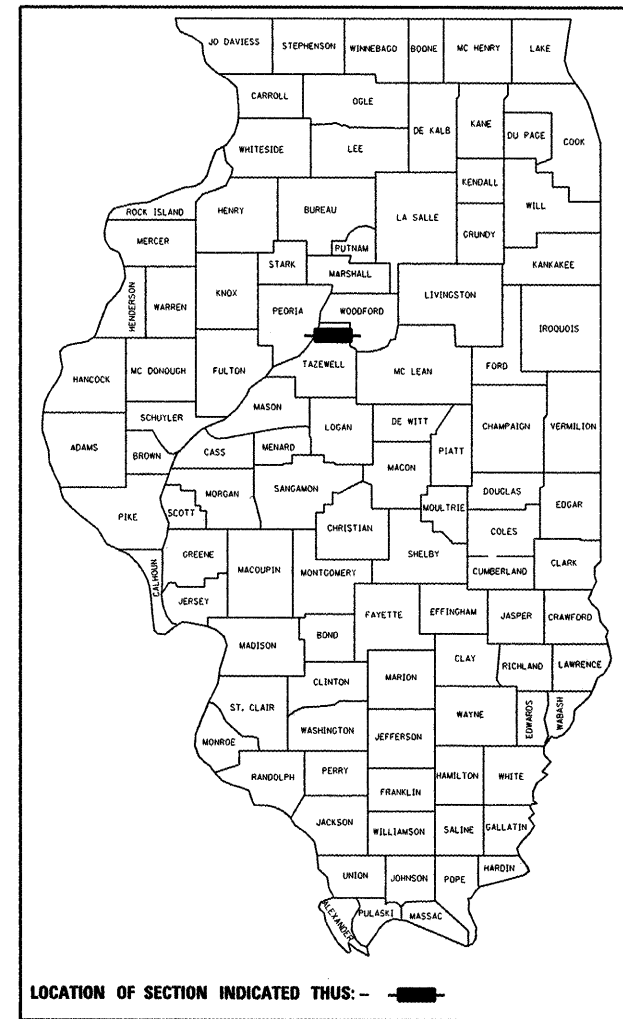
STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED LOCAL AGENCY IMPROVEMENT

FAU ROUTE 6745 (CENTENNIAL DRIVE) SECTION 07-00130-03-PV PROJECT M-5093(156) CITY OF EAST PEORIA TAZEWELL COUNTY

C-94-102-07



LIST OF STANDARDS

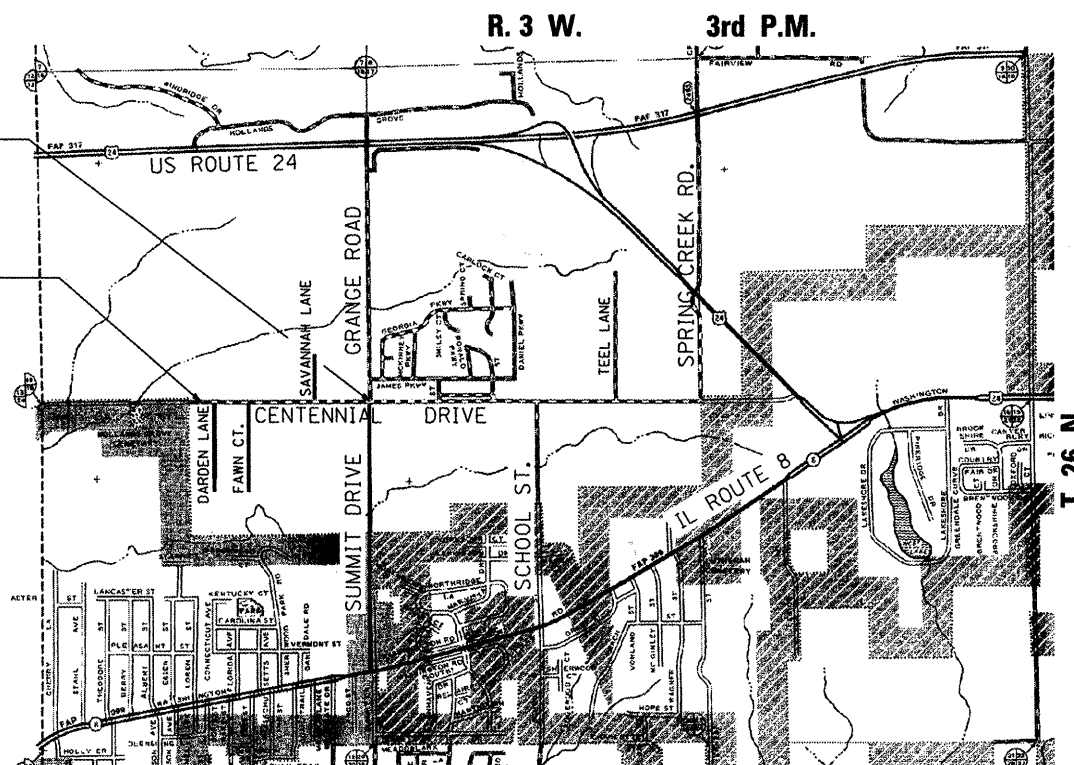
NO.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
280001-05	TEMPORARY EROSION CONTROL SYSTEMS
542101-02	REINFORCED CONCRETE END SECTIONS FOR PIPE CULVERTS 15" THRU 36" DIA. AT RIGHT ANGLES WITH ROADWAY
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542306-02	PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION
602301-03	INLET - TYPE A
602401-03	MANHOLE, TYPE A
602406-04	MANHOLE TYPE A 6' DIAMETER
602701-02	MANHOLE STEPS
604001-03	FRAME AND LIDS, TYPE 1
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701901-01	TRAFFIC CONTROL DEVICES
780001-02	TYPICAL PAVEMENT MARKINGS
BLR 21-8	TYPICAL APPLICATIONS OF TRAFFIC CONTROL DEVICES ON RURAL LOCAL HIGHWAYS
BLR 22-6	TYPICAL APPLICATIONS OF TRAFFIC CONTROL DEVICES ON RURAL LOCAL HIGHWAYS (TWO-LANE TWO WAY RURAL TRAFFIC) (ROAD CLOSED TO THRU TRAFFIC)

PROJECT DESCRIPTION

IMPROVEMENT BEGINS AT STA. 3353+44.10 AND ENDS AT STA. 3381+27.63. THE PROJECT CONSISTS OF THE RECONSTRUCTION OF APPROXIMATELY 0.5 MILE OF PAVEMENT ON CENTENNIAL DRIVE IN EAST PEORIA FROM JUST WEST OF DARDEN LANE TO AND INCLUDING THE INTERSECTION AT GRANGE RD./SUMMIT DRIVE. CONSTRUCTION WILL INCLUDE A NEW HMA PAVEMENT, CURB AND GUTTER, STORM SEWER, AND 7' GRADED AREAS BEHIND THE CURBS FOR FUTURE SIDEWALKS.

IMPROVEMENT ENDS
STA 3381+27.63

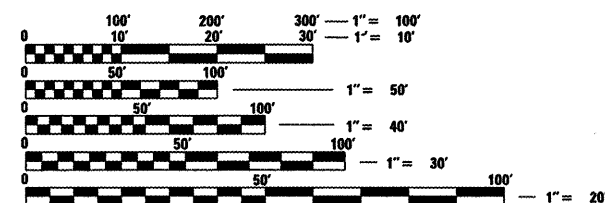
IMPROVEMENT BEGINS
STA 3353+44.10



LOCATION MAP

NOT TO SCALE

GROSS LENGTH = 2783.53 FT. = 0.527 MILE
NET LENGTH = 2783.53 FT. = 0.527 MILE
2004 A.D.T. - 4112, 0.25% M.U.
HIGHWAY CLASS: MINOR ARTERIAL
DESIGN SPEED: 45 M.P.H.
POSTED SPEED: 40 M.P.H.
DESIGN GUIDELINES: BLR - URBAN
VARIANCES: NONE
COMMITMENTS: NONE



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

CONTRACT NO. 89481

MSI PROJECT NO.: 237-10006

CATALOG NO. 033552-00

ENGINEER SIGNATURE



Ryan M. Bradle 3/3/2011
DATE

RYAN M. BRADLE, P.E.
IL. REG. NO. 062-055671
EXP. DATE 11/30/2011



APPROVED *3-31* 2011
Steve Johnson
DIRECTOR OF PUBLIC WORKS

PASSED *03/04* 2011
[Signature]
DISTRICT ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW *Memo &* 2011
[Signature]
DEPUTY DIRECTOR OF HIGHWAYS,
REGION THREE ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

AVAILABILITY OF ELECTRONIC FILES

MICROSTATION AND GEOPAK FILES OF THIS PROJECT WILL BE MADE AVAILABLE TO THE CONTRACTOR. IF THERE IS A CONFLICT BETWEEN THE ELECTRONIC FILES AND THE PRINTED CONTRACT PLANS AND DOCUMENTS, THE PRINTED CONTRACT PLANS AND DOCUMENTS SHALL TAKE PRECEDENCE OVER THE ELECTRONIC FILES. THE CONTRACTOR SHALL ACCEPT ALL RISK ASSOCIATED WITH USING THE ELECTRONIC FILES AND SHALL HOLD THE DEPARTMENT HARMLESS FOR ANY ERRORS OR OMISSIONS IN THE ELECTRONIC FILES AND THE DATA CONTAINED THEREIN. ERRORS OR DELAYS RESULTING FROM THE USE OF THE ELECTRONIC FILES BY THE CONTRACTOR SHALL NOT RESULT IN AN EXTENSION OF TIME FOR ANY INTERIM OR FINAL COMPLETION DATE OR SHALL NOT BE CONSIDERED CAUSE FOR ADDITIONAL COMPENSATION. THE CONTRACTOR SHALL NOT USE, SHARE, OR DISTRIBUTE THESE ELECTRONIC FILES EXCEPT FOR THE PURPOSE OF CONSTRUCTING THIS CONTRACT. ANY CLAIMS BY THIRD PARTIES DUE TO USE OR ERRORS SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL INCLUDE THIS DISCLAIMER WITH THE TRANSFER OF THESE ELECTRONIC FILES TO ANY OTHER PARTIES AND SHALL INCLUDE APPROPRIATE LANGUAGE BINDING THEM TO SIMILAR RESPONSIBILITIES.

UTILITIES - LOCATIONS/INFORMATION ON PLANS

THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED, UNLESS ELEVATIONS ARE SHOWN --- ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.26 OF THE STANDARD SPECIFICATIONS. THE J.U.L.I.E. NUMBER IS (800) 892-0123.

PLAN ELEVATIONS - U.S.G.S. MEAN SEA LEVEL DATUM

ALL ELEVATIONS SHOWN ON THE PLANS ARE ESTABLISHED FROM U.S.G.S. MEAN SEA LEVEL DATUM.

PROPERTY OWNER ACCESS REQUIREMENT

ACCESS MUST BE MAINTAINED TO ALL EXISTING PROPERTIES DURING CONSTRUCTION PER ARTICLE 107.09 UNLESS ARRANGEMENTS ARE MADE IN WRITING BY THE CONTRACTOR WITH THE PROPERTY OWNERS WITH A COPY TO THE ENGINEER FOR SHORT-TERM CLOSURES.

TEMPORARY MATERIAL REQUIREMENTS - UTILITY AND DRIVEWAY CROSSINGS

INCIDENTAL HOT-MIX ASPHALT SURFACE SHALL BE USED FOR ALL TEMPORARY SIDE ROAD CROSSINGS. AGGREGATE FOR TEMPORARY ACCESS MAY BE USED FOR ALL DRIVEWAY CROSSINGS EXCEPT DURING WINTER SHUTDOWN IN ACCORDANCE WITH ARTICLE 107.09.

CLEARING

AT LOCATIONS WHERE CLEARING IS INDICATED ON THE PLANS BEYOND THE LIMITS OF THE PROPOSED EXCAVATION OR EMBANKMENT, THE CONTRACTOR SHALL RESTORE THE DISTURBED EARTH BY BLADING AND SHAPING TO BLEND WITH THE ADJACENT GROUND. THE CLEARING WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE EXCAVATION PAY ITEMS IN THE PLANS. PAYMENT FOR RESEEDING OR RESODDING WILL BE AS PROVIDED IN THE PLANS.

SEEDING

ALL SEEDED AREAS DISTURBED DURING CONSTRUCTION SHALL BE RESEEDED IN ACCORDANCE WITH CLASS 1A OR CLASS 2A IDOT SPECIFICATIONS AS SHOWN IN THE SCHEDULE OF QUANTITIES AND ON THE PLAN SHEETS. TEMPORARY SEEDING SHALL BE PLACED ON ALL DISTURBED AREAS THROUGHOUT CONSTRUCTION.

AGGREGATE FOR DRIVEWAY REPLACEMENT

THE MATERIAL USED FOR CONSTRUCTION OF PERMANENT AGGREGATE DRIVEWAYS SHALL BE GRAVEL OR CRUSHED STONE, AS DIRECTED BY THE ENGINEER, TO REPLACE IN KIND THE EXISTING AGGREGATE DRIVEWAYS. NO ADDITIONAL COMPENSATION SHALL BE PROVIDED FOR THIS REQUIREMENT BUT SHALL BE CONSIDERED AS INCLUDED IN THE COST OF THE PAY ITEM FOR THE AGGREGATE AS SPECIFIED ON THE PLANS.

SOME AGGREGATE COMPOSITIONS PRODUCE INCONSISTENT RESULTS WHEN BURNED IN THE IGNITION OVEN. THE ENGINEER WILL DETERMINE WHETHER THE IGNITION OVEN OR AC NUCLEAR GAUGE WILL BE REQUIRED AFTER THE AGGREGATE SOURCES HAVE BEEN IDENTIFIED.

BUTT JOINT CUTTING TIME RESTRICTION

BUTT JOINTS SHALL NOT BE MILLED MORE THAN THREE (3) DAYS PRIOR TO PLACEMENT OF THE HMA SURFACE COURSE.

PAVING SURFACE COURSE

CONTINUOUS PAVING OPERATIONS ON THE MAIN ROADWAY SHALL BE MAINTAINED AT ALL TIMES DURING THE CONSTRUCTION OF THE HOT-MIX ASPHALT SURFACE. NO INTERRUPTIONS FOR SIDE ROADS, ENTRANCES, TURN LANES, ETC. WILL BE ALLOWED.

ORDERING LENGTH CONFIRMATION - DRAINAGE ITEMS

THE CONTRACTOR SHALL CONSULT WITH THE ENGINEER IN REGARD TO THE EXACT LENGTH OF THE BOX/PIPE CULVERTS, STORM SEWERS, AND/OR PIPE DRAINS REQUIRED PRIOR TO ORDERING THESE ITEMS.

IF STORM SEWER PIPING IS LOCATED WITH 10' OF THE OUTSIDE WALL OF A WATER MAIN, THE STORM SEWER SHALL BE WATER MAIN QUALITY PIPE.

RESIDENTIAL SUMP PUMP/GUTTER PIPE OUTLETS LOCATED ALONG THE ROADWAY SHALL BE CONNECTED TO THE STORM SEWER SYSTEM WITH ONE CLEAN-OUT AND CHECK VALVE EACH, ALL OF WHICH SHALL BE INCLUDED IN THE COSTS ASSOCIATED WITH THE DRAINAGE PAY ITEMS SPECIFIED IN THE PLANS. THE CONTRACTOR SHALL CONTACT THE PROPERTY OWNER(S) PRIOR TO PERFORMING THIS WORK. SPECIFICALLY, MR. BRET NEWNAM ASKED TO BE CONTACTED AT THE FOLLOWING PHONE NUMBER (309) 657-8544. OTHER OWNERS NAMES AND NUMBERS CAN BE OBTAINED THROUGH THE CITY OF EAST PEORIA.

ENGINEERS FIELD OFFICE

ADD THE FOLLOWING SENTENCE TO THE END OF PARAGRAPH 670.02 (I) AND 670.04 (E): ALL OF THE TELEPHONE LINES PROVIDED SHALL HAVE UNPUBLISHED NUMBERS.

SIGNING

SIGN LOCATIONS MAY VARY FROM THE STATIONS SHOWN ON THE PLANS IN ACCORDANCE WITH DIRECTIONS FROM THE ENGINEER AT THE TIME OF CONSTRUCTION. SIGN LOCATIONS MAY BE ADJUSTED IN THE FIELD TO AVOID ANY FOUND UTILITIES.

PAVEMENT MARKING

CONTRACTOR SHALL USE THERMOPLASTIC PAVEMENT MARKING ON BITUMINOUS PAVEMENT AND EPOXY PAVEMENT MARKINGS ON CONCRETE PAVEMENT. ALL 6" WHITE SKIP-DASH SHALL BE PREFORMED PLASTIC. REFER TO IDOT STANDARD 780001-02 FOR PAVEMENT MARKING DETAILS.

TREE REMOVAL

TREE REMOVAL MAY BE NECESSARY PRIOR TO UTILITY COMPANIES BEING ABLE TO RELOCATE THEIR FACILITIES OUTSIDE THE CONSTRUCTION LIMITS. THE CONTRACTOR SHOULD COORDINATE ANY CONTRACT TREE REMOVAL ACTIVITIES WITH THE UTILITY COMPANIES TO ELIMINATE CONFLICTS AND POTENTIAL DELAYS CAUSED BY UTILITY TREE REMOVAL ACTIVITIES OR INCOMPLETE UTILITY RELOCATIONS.

THE ENGINEER SHOULD BE CONTACTED AND PRIOR APPROVAL OBTAINED FOR ANY TREE REMOVAL BEYOND THE LIMITS/LOCATION INCLUDED IN THE PLANS.

ENVIRONMENTAL REVIEWS

PRIOR TO THE USE OF ANY PROPOSED BORROW AREAS, USE AREAS (TEMPORARY ACCESS ROADS, DETOURS, RUN-AROUNDS, ETC.) AND/OR WASTE AREAS, THE CONTRACTOR SHALL FILE THE REQUIRED ENVIRONMENTAL RESOURCE REQUEST SURVEYS ACCORDING TO SECTION 107.22 OF THE STANDARD SPECIFICATIONS. THESE SURVEYS ARE REQUIRED IN ORDER FOR THE DEPARTMENT TO CONDUCT CULTURAL AND BIOLOGICAL RESOURCE SURVEYS FOR THE PROPOSED SITE.

PRIOR TO ANY WASTE MATERIALS BEING REMOVED FROM THE CONSTRUCTION SITE THE REQUIRED ENVIRONMENTAL RESOURCE SURVEYS WILL NEED TO BE OBTAINED AND FILED BY THE CONTRACTOR. EXCESS WASTE PRODUCTS REMOVED FROM THE CONSTRUCTION SITE SHALL BE DISPOSED OF AS REQUIRED IN SECTION 202.03 OF THE STANDARD SPECIFICATIONS.

ANY PROTRUDING METAL BARS SHALL BE REMOVED PRIOR TO THE DISPOSAL OF BROKEN CONCRETE AT APPROVED DISPOSAL SITES.

THE REQUIRED ENVIRONMENTAL RESOURCE DOCUMENTATION SHALL INCLUDE THE FOLLOWING:

- BDE FORM 2289 (ENVIRONMENTAL SURVEY REQUEST)
- A LOCATION MAP SHOWING THE SIZE LIMITS AND LOCATION OF THE USE AREA
- SIGNED PROPERTY OWNER AGREEMENT FORM - D4 P10100
- COLOR PHOTOGRAPHS DEPICTING THE USE AREA
- BORROW AREA ENTRY AGREEMENT FORM - D4 P10101

PLEASE NOTE THAT A MINIMUM OF TWO WEEKS SHALL BE ALLOWED FOR THE DISTRICT TO OBTAIN THE REQUIRED ENVIRONMENTAL CLEARANCES.

INDEX OF SHEETS

1	COVER SHEET
2	GENERAL NOTES
3	SUMMARY OF QUANTITIES
4-5	TYPICAL SECTIONS
6	SCHEDULE OF QUANTITIES
7	DRAINAGE SCHEDULES
8	HORIZONTAL AND VERTICAL CONTROL
9-13	ROADWAY PLAN & PROFILE SHEETS
14	INTERSECTION DETAIL
15-17	EROSION CONTROL PLAN SHEETS
18-26	DETAILS
27-39	CROSS SECTIONS

STATUS OF UTILITIES

STATION	OFFSET	UTILITY	CONFLICT	DISPOSITION
3354+99.51	30.80' LT	TEL. PEDESTAL	GRADING	RELOCATE/ADJUST
3355+49.45	12.06' RT	UNDERDRAIN	GRADING	TIE INTO STORM SEWER SYSTEM
3355+60.11	12.09' RT	UNDERDRAIN	GRADING	TIE INTO STORM SEWER SYSTEM
3356+78.87	10.89' RT	UNDERDRAIN	GRADING	TIE INTO STORM SEWER SYSTEM
3357+66.80	18.35' RT	POWER POLE	CURB/GRADING	RELOCATE
3359+72.44	17.83' RT	POWER POLE	CURB/GRADING	RELOCATE
3359+86.46	24.48' RT	GAS	STORM SEWER	RELOCATE/ADJUST
3361+75.03	21.32' RT	GAS VALVE	GRADING	RELOCATE/ADJUST
3362+32.15	17.36' RT	POWER POLE	CURB/GRADING	RELOCATE
3362+34.17	33.33' RT	CATV	STORM SEWER	RELOCATE/ADJUST
3362+35.32	31.04' RT	UG ELECTRIC	STORM SEWER	RELOCATE/ADJUST
3362+38.86	24.07' RT	GAS	STORM SEWER	RELOCATE/ADJUST
3363+56.06	31.26' LT	TEL. PEDESTAL	GRADING	RELOCATE/ADJUST
3364+00.00	25.50' RT	GAS	STORM MH	RELOCATE/ADJUST
3364+67.35	18.66' RT	POWER POLE	CURB/GRADING	RELOCATE
3366+46.71	CROSS ROAD	GAS	ROAD GRADING	RELOCATE/ADJUST
3367+26.83	18.71' RT	POWER POLE	CURB/GRADING	RELOCATE
3370+03.14	18.27' RT	POWER POLE	CURB/GRADING	RELOCATE
3370+57.60	26.09' LT	TEL. PEDESTAL	GRADING	RELOCATE/ADJUST
3372+76.64	18.28' RT	POWER POLE	CURB/GRADING	RELOCATE
3374+74.74	29.58' RT	GAS VALVE	GRADING	RELOCATE/ADJUST
3375+14.89	25.74' LT	TEL. PEDESTAL	GRADING	RELOCATE/ADJUST
3375+57.30	18.57' RT	POWER POLE	CURB/GRADING	RELOCATE
3378+05.99	20.06' RT	POWER POLE	CURB/GRADING	RELOCATE
3379+25.56	27.00' RT	GAS	CULVERT	RELOCATE/ADJUST
3380+09.12	21.75' RT	POWER POLE	CURB/GRADING	RELOCATE
3380+41.43	29.76' LT	SANITARY SEWER	STORM SEWER	CAUTION
3381+00.69	57.08' LT	TEL. PEDESTAL	GRADING	RELOCATE/ADJUST
3381+00.84	53.62' LT	POWER POLE	CURB/GRADING	RELOCATE
3381+19.24	20.90' RT	POWER POLE	CURB/GRADING	RELOCATE

FILE NAME =	USER NAME = rmbrodie	DESIGNED - BAB/RAW	REVISED -		CENTENNIAL DRIVE PHASE IV GENERAL NOTES			F.A.U. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
st:\237\2010\23710006 (CentennialDrivePhaseIV)P10100\CADD\CADD Sheets\0489481-sht-gennot.dwg	DATE = 03/02/2011	CHECKED - RMB	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	6745	07-00130-03-PV	TAZEWELL	39	2
PLOT SCALE = 3/8" = 1' IN.	DATE = 03/02/2011	REVISIONS	REVISED -		CONTRACT NO. 89481							
PLOT DATE = 3/3/2011	DATE = 03/02/2011	REVISIONS	REVISED -		ILLINOIS FED. AID PROJECT							

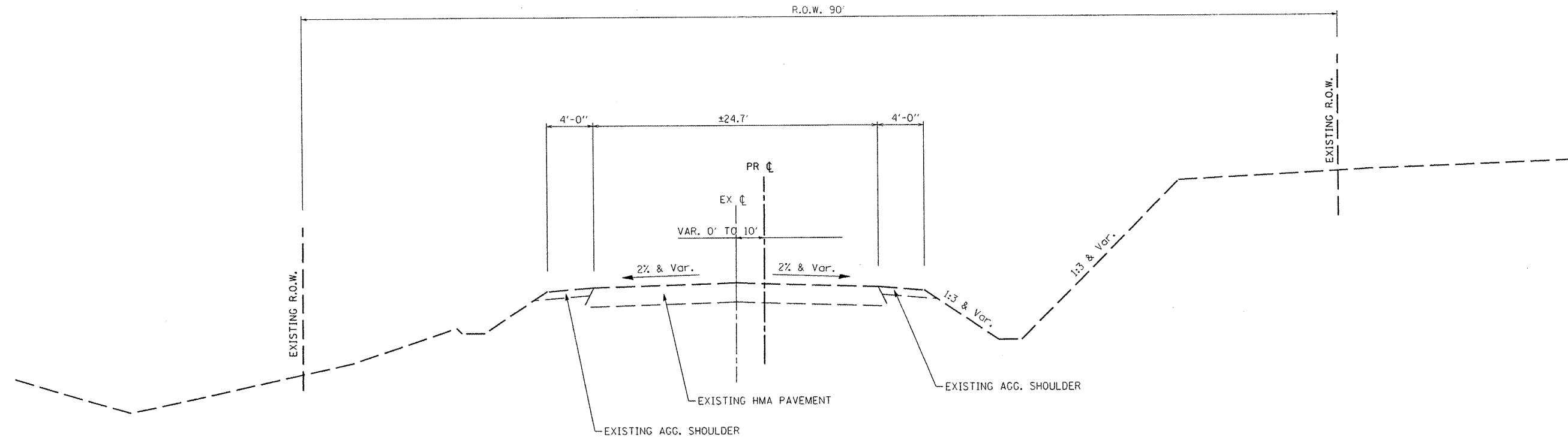
SUMMARY OF QUANTITIES				ROADWAY FAU 6745 (CENTENNIAL DRIVE) 70% FEDERAL 30% LOCAL
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE ROADWAY
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	68	68
20200100	EARTH EXCAVATION	CU YD	6815	6815
20800150	TRENCH BACKFILL	CU YD	224	224
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	815	815
25000210	SEEDING, CLASS 2A	ACRE	1.75	1.75
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	156	156
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	156	156
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	156	156
25100115	MULCH, METHOD 2	ACRE	1.75	1.75
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	173	173
28000305	TEMPORARY DITCH CHECKS	FOOT	128	128
28000400	PERIMETER EROSION BARRIER	FOOT	5322	5322
28000500	INLET AND PIPE PROTECTION	EACH	40	40
28100107	STONE RIPRAP, CLASS A4	SQ YD	61	61
28200200	FILTER FABRIC	SQ YD	61	61
35101400	AGGREGATE BASE COURSE, TYPE B	TON	7670	7670
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	93	93
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	148	148
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	17.6	17.6
40600215	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	TON	1.1	1.1
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	3721	3721
40603535	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	1012	1012
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	19	19
42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH	SQ YD	56	56
44000100	PAVEMENT REMOVAL	SQ YD	6957	6957
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	265	265
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	94	94
50105220	PIPE CULVERT REMOVAL	FOOT	541	541
50800105	REINFORCEMENT BARS	POUND	135	135
542A5491	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 36"	FOOT	8	8
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	5	5
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	2	2

* SPECIALTY ITEM

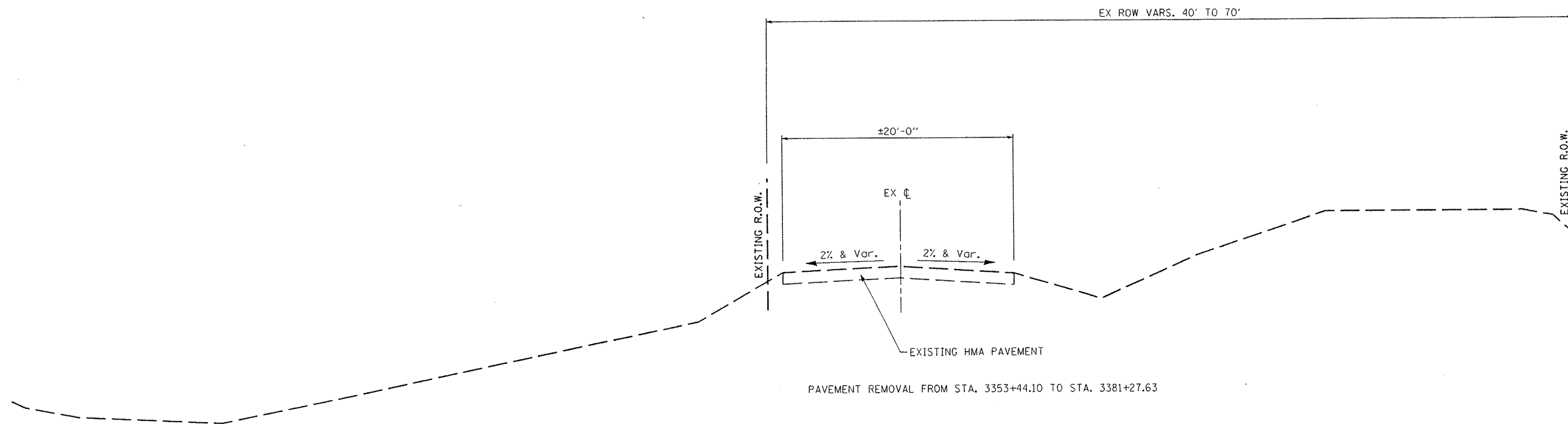
SUMMARY OF QUANTITIES				ROADWAY FAU 6745 (CENTENNIAL DRIVE) 70% FEDERAL 30% LOCAL
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE ROADWAY
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	1	1
54214521	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 36"	EACH	1	1
54248510	CONCRETE COLLAR	CU YD	2.4	2.4
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	1181	1181
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	395	395
550A0110	STORM SEWERS, CLASS A, TYPE 1 21"	FOOT	440	440
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	240	240
550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	17	17
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	75	75
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	325	325
550A4700	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 42"	FOOT	154	154
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	1	1
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	5182	5182
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	5	5
67100100	MOBILIZATION	L SUM	1	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1
70101830	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1	1
72000100	* SIGN PANEL - TYPE 1	SQ FT	12.5	12.5
72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	2	2
78000200	* THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	696	696
78000650	* THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	69	69
X0325404	INLET-MANHOLE, TYPE G-1, 5' DIAMETER, DOUBLE, SPECIAL	EACH	1	1
X0325442	INLET-MANHOLE, TYPE G-1, 6'-DIAMETER, SPECIAL	EACH	2	2
X6020065	INLETS, TYPE G-1, DOUBLE (SPECIAL)	EACH	2	2
XX000321	INLET-MANHOLE, TYPE G-1, 5'-DIAMETER, SPECIAL	EACH	6	6
XX000610	RELOCATE EXISTING MAILBOX	EACH	6	6
XX008440	INLETS, TYPE G-1	EACH	15	15
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1
XX008518	INLETS, TYPE A, TYPE 37 GRATE	EACH	6	6
XX008519	INLET-MANHOLE, TYPE A, 6'-DIAMETER, TYPE 37 GRATE	EACH	1	1
Δ Z0076600	TRAIN EES	HOOR	1,000	

* SPECIALTY ITEM

Δ - 0042



EXISTING TYPICAL SECTION
STA 3353+44.10 TO STA 3355+41.06



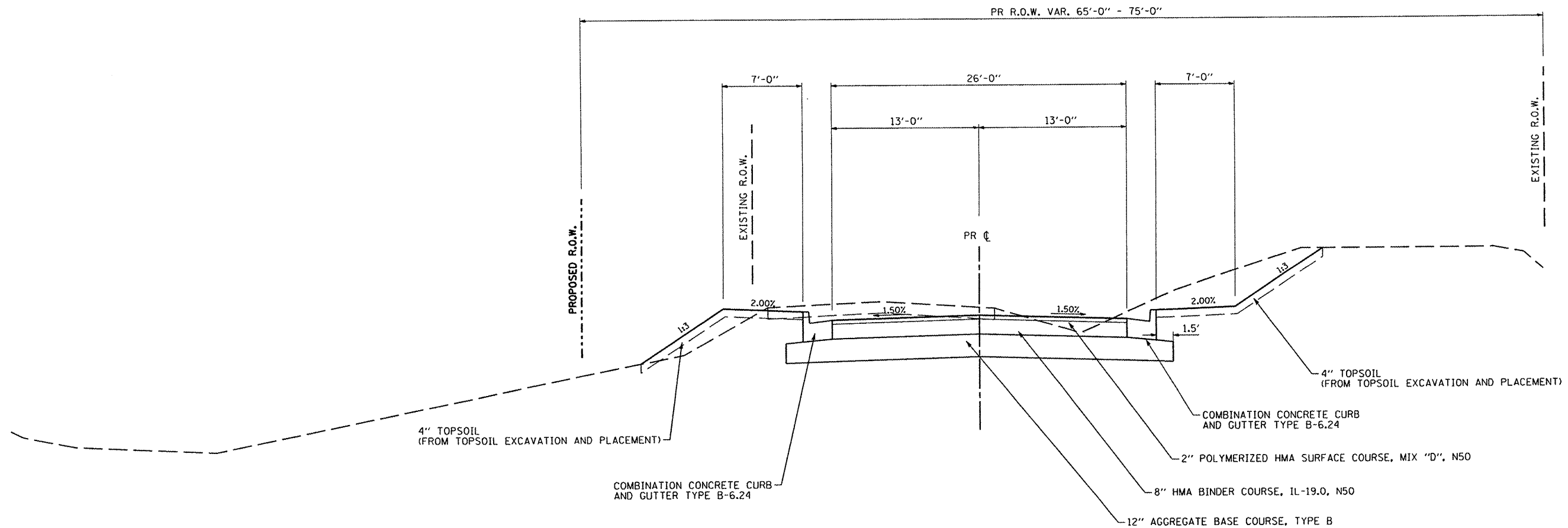
EXISTING TYPICAL SECTION
STA 3355+41.06 TO STA 3381+27.63

FILE NAME =	USER NAME = rmbrodle	DESIGNED - BAB/RAW	REVISED -
si\237\2010\23710006 (CentennialDriveSegme	h:\VPI\I\CADD\CADD Sheets\0489481-shs-typic	DRAWN - BAB	REVISED -
	PLOT SCALE = 20.0000' / IN.	CHECKED - RMB	REVISED -
	PLOT DATE = 3/3/2011	DATE - 03/02/2011	REVISED -



CENTENNIAL DRIVE PHASE IV			
TYPICAL SECTIONS			
SCALE: N.T.S.	SHEET NO. OF SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6745	07-00130-03-PV	TAZEWELL	39	4
CONTRACT NO. 89481				
ILLINOIS FED. AID PROJECT				



PROPOSED TYPICAL SECTION
STA 3353+44.10 TO STA 3381+27.63

	HMA SURFACE COURSE	HMA BINDER COURSE (TOP LIFT)	HMA BINDER COURSE (LOWER LIFTS)
AC/PG	POLYMER SBS or SBR PG 64-28	POLYMER SBS or SBR PG 64-28	PG 64-22
RAP % (MAX)	10% MAX	10% MAX	25% MAX
DESIGN AIR VOIDS	4.0% @ N=50	4.0% @ N=50	4.2% @ N=50
MIX COMPOSITION	IL 9.5 or IL 12.5	IL 19.0	IL 19.0
FRICTION AGG.	MIX D	N.A	N.A

CENTENNIAL DRIVE

CLASSIFICATION OF ROADWAY: CLASS II

DESIGN PERIOD: 20 YEARS

STRUCTURAL DESIGN TRAFFIC YEAR: 2019

PV = 3430 SU = 35 MU = 35

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:

PV = 100% SU = 100% MU = 100%

TRAFFIC FACTOR: 0.155

FULL-DEPTH PAVEMENT DESIGN

SUBGRADE SUPPORT RATING (E_{sub}) = 3.1 ksi (FROM COUNTY SOILS REPORT)

MINIMUM STRUCTURAL DESIGN REQUIREMENTS:

HMA SURFACE COURSE 2"

HMA BINDER COURSE 8"

GRANULAR BASE COURSE 12"

FILE NAME: s:\237\2010\23710006 (Centennial Drive Segment) \CADD\CADD Sheets\0489481-sh-typoc	USER NAME: rmbreadle	DESIGNED: BAB/RAW	REVISED: -
		CHECKED: RMB	REVISED: -
		DATE: 03/02/2011	REVISED: -



CENTENNIAL DRIVE PHASE IV			
SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	

F.A.U. RTE. 6745	SECTION 07-00130-03-PV	COUNTY TAZEWELL	TOTAL SHEETS 39	SHEET NO. 5
CONTRACT NO. 89481				
ILLINOIS FED. AID PROJECT				

ROADWAY SCHEDULE

STATION	PAVEMENT REMOVAL	DRIVEWAY PAVEMENT REMOVAL	AGGREGATE BASE COURSE, TYPE B	AGGREGATE SURFACE COURSE, TYPE B	AGGREGATE FOR TEMPORARY ACCESS	BITUMINOUS MATERIALS (PRIME COAT)	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	INCIDENTAL HOT-MIX ASPHALT SURFACING	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT 7 INCH	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	
	SO YD	SO YD	TON	TON	TON	TON	TON	TON	TON	TON	SO YD	LEFT	RIGHT	FOOT	FOOT
CENTENNIAL DRIVE															
3353+44.10 TO 3358+00.00	1124.4		1183.9			2.63	0.16	590.0	147.5			429.9	393.6	114.0	
3358+00.00 TO 3364+00.00	1345.5		1558.2			3.47	0.21	776.5	194.1			567.5	546.8	150.0	
3364+00.00 TO 3370+00.00	1342.8		1558.2			3.47	0.21	776.5	194.1			554.5	554.5	150.0	
3370+00.00 TO 3376+00.00	1351.0		1558.2			3.47	0.21	776.5	194.1			559.0	574.0	150.0	
3376+00.00 TO 3380+01.62	897.8		1043.0			2.32	0.14	519.8	129.9			381.6	381.6	100.4	
3380+01.62 TO 3381+27.63	295.4		327.2			0.73	0.04	163.1	40.8			124.2	0.0	31.5	
DARDEN LANE															
3355+13.45 RT			67.5			0.24	0.01		19.8			34.1	34.1		
FAWN COURT															
3362+09.01 RT	146.9		59.4			0.23	0.01		19.1			16.7	16.7		
SAVANNAH LANE															
3371+27.76 LT	244.4		112.1			0.51	0.03		43.0			6.4	6.4		
GRANGE ROAD															
3380+64.75 LT	209.1		124.0			0.53	0.03	118.1	29.5						69
ENTRANCES															
TOTALS:	6957	265	7670	93	148	17.6	1.1	3721	1012	19	56	5182	696	69	

CONCRETE COLLAR 54248510	
LOCATION	CU YD
PLAN AND PROF SHT 5	
3379+25.55 RT	0.9
3379+26.00 LT	0.9
3379+38.10 LT	0.6
TOTAL	2.4

TEMPORARY DITCH CHECKS	
LOCATION	FOOT
28000305	
EROSION CONTROL PLAN SHEET 1	
3360+00.00 LT	16
3360+50.00 LT	16
3361+00.00 LT	16
EROSION CONTROL PLAN SHEET 2	
3364+50.00 LT	16
3365+00.00 LT	16
3365+50.00 LT	16
3366+00.00 LT	16
3360+50.00 LT	16
TOTAL	128

REINFORCEMENT BARS 50800105	
LOCATION	LBS
PLAN AND PROF SHEET 5	
3379+25.55 RT	50 CONC COLLAR
3379+26.00 LT	50 CONC COLLAR
3379+38.10 LT	35 CONC COLLAR
TOTAL	135

INLET AND PIPE PROTECTION 28000500	
LOCATION	REMARKS
EROSION CONTROL PLAN SHEET 1	
3353+60.00 RT	1 Inlet EX-1
3354+99.00 RT	1 Inlet 1
3355+26.00 RT	1 Inlet 2
3355+44.30 RT	1 Inlet 3
3355+44.30 LT	1 Inlet 4
3356+00.00 RT	1 Inlet 5
3357+00.00 RT	1 Inlet 6
3357+00.00 LT	1 Inlet 6A
3358+00.00 RT	1 Inlet 7
3359+50.00 RT	1 Inlet 8
3359+50.00 LT	1 Inlet 9
3359+50.00 LT	1 End Section 9A
3360+10.00 RT	1 Inlet 10
3361+92.00 RT	1 Inlet 11
3362+27.00 RT	1 Inlet 12
3362+43.00 RT	1 Inlet 13
3362+43.00 LT	1 Inlet 13A
3364+00.00 LT	1 End Section 14
3364+00.00 LT	1 Inlet 15
3364+00.00 RT	1 Inlet 16
3364+00.00 RT	1 Inlet 17
EROSION CONTROL PLAN SHEET 2	
3365+75.00 RT	1 Inlet 18A
3365+75.00 LT	1 Inlet 19A
3367+50.00 RT	1 Inlet 18
3367+50.00 LT	1 Inlet 19
3369+50.00 RT	1 Inlet 20
3369+50.00 LT	1 Inlet 20A
3372+00.00 RT	1 Inlet 21
3372+00.00 LT	1 Inlet 22
3374+00.00 RT	1 Inlet 21A
3374+00.00 LT	1 Inlet 22A
EROSION CONTROL PLAN SHEET 3	
3379+06.00 RT	1 Inlet 24
3379+06.00 LT	1 Inlet 25
3379+27.40 LT	1 Inlet 27
3380+00.00 LT	1 End Section 29
3380+37.01 LT	1 Inlet 30
3380+38.76 LT	1 End Section 31
3380+89.56 LT	1 End Section 32
3380+92.32 LT	1 Inlet 33
3381+17.47 LT	1 End Section 35
TOTAL	40

PERIMETER EROSION BARRIER 28000400	
LOCATION	LENGTH
EROSION CONTROL PLAN SHEET 1	
3353+44.10 TO 3359+00.00 LT	575.6
3353+48.80 TO 3354+93.00 RT	194.4
3355+30.00 TO 3356+33.33 RT	121.6
3356+56.33 TO 3358+35.54 RT	200.8
3358+47.54 TO 3359+00.00 RT	82.2
3359+00.00 TO 3362+86.20 LT	386.2
3359+00.00 TO 3361+90.00 RT	293.9
3362+30.00 TO 3363+53.17 RT	141.3
3363+16.20 TO 3364+00.00 LT	83.8
3363+69.34 TO 3364+00.00 RT	30.7
EROSION CONTROL PLAN SHEET 2	
3364+00.00 TO 3369+00.00 LT	500.0
3364+00.00 TO 3366+93.53 RT	296.3
3367+13.53 TO 3369+00.00 RT	186.5
3369+00.00 TO 3391+02.22 LT	217.2
3369+00.00 TO 3374+00.00 RT	500.0
3391+53.30 TO 3374+00.00 LT	255.4
EROSION CONTROL PLAN SHEET 3	
3374+00.00 TO 3379+00.00 LT	500.0
3374+00.00 TO 3374+44.00 RT	45.0
3374+56.00 TO 3375+12.50 RT	57.3
3375+24.50 TO 3376+37.23 RT	117.7
3376+57.66 TO 3379+00.00 RT	242.9
3379+00.00 TO 3380+30.00 LT	159.7
3379+00.00 TO 3380+25.00 RT	133.0
TOTAL	5322

ENTRANCE SCHEDULE

LOCATION	REMARKS	LENGTH	WIDTH	SO YD	DRIVEWAY PAVEMENT REMOVAL 44000200	AGGREGATE BASE COURSE TYPE B 8" 35101400	AGGREGATE SURFACE COURSE TYPE B 40200800	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT 7 42300300	INCIDENTAL HOT-MIX ASPHALT SURFACING 40800050	AGGREGATE FOR TEMPORARY ACCESS 40201000
PLAN AND PROFILE SHEET 1					SO YD	TON	TON	SO YD	TON	TON
RT STA 3356+44.82	PE	20.00	23.0	56.4	97.3	PCC		56.4		19.3
PLAN AND PROFILE SHEET 2										
RT STA 3358+41.56	PE	65.57	12.0	92.8	109.4	HMA	42.3		10.4	31.7
LT STA 3363+01.20	FE	19.42	30.0	70.1			32.0			24.0
RT STA 3363+67.79	PE	29.73	16.0	58.2			8.2	18.4	2.0	19.9
PLAN AND PROFILE SHEET 3										
RT STA 3367+03.53	FE	14.42	20.0	37.4				17.1		12.8
PLAN AND PROFILE SHEET 4										
RT STA 3376+50.00	PE	20.67	12.0	32.9			6.7	8.3	1.6	11.3
RT STA 3375+18.50	PE	31.03	12.0	46.7	58.3	HMA	21.3			16.0
PLAN AND PROFILE SHEET 5										
RT STA 3376+53.74	FE	14.35	20.0	38.1				17.4		13.0

TREE REMOVAL (OVER 15 UNITS DIAMETER) 20100210	
LOCATION	UNITS
PLAN AND PROF SHT 1	
3356+99.21	28 RT
PLAN AND PROF SHT 2	
3361+84.70	29 LT
TOTAL	68

STONE RIPRAP, CLASS A4 28100107	
LOCATION	SO YD
PLAN AND PROF SHT 1	
3379+25.52	61
END OF CULVERT	
TOTAL	61

FILTER FABRIC 28200200	
LOCATION	SO YD
PLAN AND PROF SHT 1	
3379+25.52	61
END OF CULVERT	
TOTAL	61

TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	
LOCATION	L SUM
70100450	
ENTIRE JOBSITE	1

TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	
LOCATION	L SUM
70101830	
ENTIRE JOBSITE	1

PIPE CULVERT REMOVAL 50105220	
LOCATION	LENGTH
PLAN AND PROFILE SHEET 1	
3354+92.40 TO 3355+34.76 RT	42.4
3356+29.05 TO 3356+66.20 RT	37.2
PLAN AND PROFILE SHEET 2	
3358+28.95 TO 3358+85.46 RT	56.5
3360+86.75 TO 3361+11.25 RT	24.5
3361+91.79 TO 3362+24.43 RT	32.6
3363+51.07 TO 3363+81.56 RT	30.5
PLAN AND PROFILE SHEET 3	
3366+86.32 TO 3367+26.45 RT	40.1
PLAN AND PROFILE SHEET 4	
3370+09.83 TO 3372+06.93 LT	197.1
PLAN AND PROFILE SHEET 5	
3380+19.97 TO 3381+00.20 LT	80.2
TOTAL	541

COMBINATION CURB AND GUTTER REMOVAL 44000500	
LOCATION	LENGTH
PLAN AND PROFILE SHEET 1	
3370+82.31 TO 3371+02.81 LT	47.0
3371+52.72 TO 3371+72.91 LT	47.0
TOTAL	94

SEEDING SCHEDULE

STATION	SEEDING, CLASS 2A		NITROGEN FERTILIZER NUTRIENT		PHOSPHORUS FERTILIZER NUTRIENT		POTASSIUM FERTILIZER NUTRIENT		MULCH, METHOD 2		TEMPORARY EROSION CONTROL SEEDING	
	ACRE	POUND	POUND	POUND	POUND	POUND	POUND	POUND	ACRE	POUND	LEFT	RIGHT
CENTENNIAL DRIVE												
3353+50.00 TO 3358+00.00	0.162	0.163	14.6	14.7	14.6	14.7	14.6	14.7	0.162	0.163	16.2	16.3
3358+00.00 TO 3364+00.00	0.227	0.243	20.4	21.9	20.4	21.9	20.4	21.9	0.227	0.243	22.7	24.3
3364+00.00 TO 3370+00.00	0.187	0.150	16.8	13.5	16.8	13.5	16.8	13.5	0.187	0.150	18.7	15.0
3370+00.00 TO 3376+00.00	0.140	0.157	12.6	14.1	12.6	14.1	12.6	14.1	0.140	0.157	14.0	15.7
3376+00.00 TO 3381+27.62	0.172	0.128	15.5	11.5	15.5	11.5	15.5	11.5	0.172	0.128	17.2	12.8
TOTALS:	1.75		156		156		156		1.75		173	

CONSTRUCTION LAYOUT 20013798	
LOCATION	L SUM
ENTIRE JOBSITE	1

RELOCATE EXISTING MAILBOX XX000610	
LOCATION	EACH
PLAN AND PROF SHT 1	
3355+02.62 RT	2
3356+59.26 RT	1
PLAN AND PROF SHT 2	
3358+58.64 RT	1
3363+44.71 RT	1
PLAN AND PROF SHT 4	
3374+93.19 RT	1
TOTAL	6

EARTHWORK SCHEDULE

LOCATION	20200100 EARTH EXCAVATION (CUT)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (25%)	EMBANKMENT (FILL)	EARTHWORK BALANCE WASTE (SHORTAGE)	TOPSOIL EXCAVATION AND PLACEMENT
FROM TO	CU YD	CU YD	CU YD	CU YD	CU YD
CENTENNIAL DRIVE					
3353+44.10 TO 3358+00.00	1069.0	801.8	189.6	612.2	160.0
3358+00.00 TO 3364+00.00	1682.1	1261.6	260.6	1001.0	195.7
3364+00.00 TO 3370+00.00	899.5	674.6	717.8	(43.2)	169.8
3370+00.00 TO 3376+00.00	2281.8	1711.4	195.3	1516.1	154.1
3376+00.00 TO 3381+27.63	882.2	661.7	453.1	208.6	133.0
TOTALS	6815	5111	1816	3295	815
	20200100				21101505
	EARTH EXCAVATION				TOPSOIL EXCAVATION AND PLACEMENT
	6815 CU YD				815 CU YD

SIGN PANEL - TYPE 1 72000100			
LOCATION	SIZE	DESCRIPTION	EACH
3380+22	30"x30"	STOP SIGN, 24' RT	6.25</

STRUCTURE SCHEDULE

ID	LOCATION STATION LT / RT OFFSET				INLETS		IN-MH					MANHOLES				PRECAST REINFORCED CONCRETE FLARED END SECTIONS				NOTE		
					TYPE A, TYPE 37 GRATE	TYPE G-1 TYPE G-1	TYPE G-1, DOUBLE (SPECIAL)	TYPE G-1, 5' DIA SPECIAL	TYPE G-1, 5' DIA, DOUBLE, SPECIAL	TYPE G-1, 6' DIA SPECIAL	TYPE A, 6' DIA TYPE 37 GRATE	MANHOLES TO BE RECONSTRUCTED	TYPE A, 6' DIA TIF, CL	PRC 12"	PRC 15"	PRC 30"	ERS 36"					
																		EACH	EACH		EACH	EACH
EX-1	3353+60.00	RT	20.25																			
1	3354+99.00	RT	63.72	1																		
2	3355+26.00	RT	63.72	1																		
3	3355+44.30	RT	13.00				1															
4	3355+44.30	LT	13.00		1																	
5	3356+00.00	RT	13.00					1														
6	3357+00.00	RT	13.00					1														
6A	3357+00.00	LT	13.00		1																	
7	3358+00.00	RT	13.00					1														
8	3359+50.00	RT	13.00					1														
9	3359+50.00	LT	13.00		1																	
9A	3359+50.00	LT	24.00																			
10	3360+10.00	RT	30.00	1																		
11	3361+92.00	RT	47.00	1																		
12	3362+27.00	RT	47.00	1																		
13	3362+43.00	RT	13.00					1														
13A	3362+43.00	LT	13.00		1																	
14	3364+00.00	LT	21.83																			
15	3364+00.00	LT	13.00		1																	
16	3364+00.00	RT	13.00					1														
17	3364+00.00	RT	26.11	1																		
18A	3365+75.00	RT	13.00		1																	
19A	3365+75.00	LT	13.00		1																	
18	3367+50.00	RT	13.00		1																	
19	3367+50.00	LT	13.00		1																	
20	3369+50.00	RT	13.00		1																	
20A	3369+50.00	LT	13.00		1																	
21	3372+00.00	RT	13.00		1																	
22	3372+00.00	LT	13.00		1																	
21A	3374+00.00	RT	13.00		1																	
22A	3374+00.00	LT	13.00		1																	
23	3379+14.00	RT	31.34																			
24	3379+06.00	RT	13.00					1														
25	3379+06.00	LT	13.00					1														
26	3379+25.55	RT	30.57																			
27	3379+27.40	LT	26.00																			
28	3380+00.00	LT	20.50																			
29	3380+00.00	LT	26.46																			
30	3380+37.01	LT	27.68																			
31	3380+38.76	LT	57.18																			
32	3380+89.56	LT	58.43																			
33	3380+92.32	LT	27.66																			
34	3381+10.00	LT	30.00																			
35	3381+17.47	LT	27.52																			
36	3379+39.66	RT	37.03																			

NOTES: 1. SALVAGE AND REUSE EXISTING PRECAST FLARED END SECTION 12"

PIPE SCHEDULE

ID	FROM STR.	TO STR.	PIPE CULVERTS, CLASS A, TYPE 1 ERS 36" 542A5491 FOOT	STORM SEWERS, CLASS A							TRENCH BACKFILL CU YD	
				TYPE 1								
				12"	15"	21"	24"	30"	ERS 42"	TYPE 2		
				550A0050	550A0070	550A0110	550A0120	550A0140	550A4700	550A0340	550A0410	20800150
1	3	EX-1										18.4
2	1	2		25.0'								1.7
3	2	3								47.4'		0.0
4	4	3								27.4'		3.7
5	5	3									47.2'	13.8
6	6	5									98.5'	19.2
6A	6A	6		27.4'								1.7
7	7	6						95.0'				10.1
8	8	7						145.0'				16.1
9	9	8		27.4'								1.9
9A	9A	9		7.6'								0.1
10	10	8		57.2'								0.3
11	13	8				288.0'						27.9
12	11	12		33.2'								2.5
13	12	13		31.4'								0.0
13A	13A	13		28.0'								1.8
14	16	13				152.0'						15.5
15	14	15		5.4'								0.0
16	15	16		27.4'								2.0
17	17	16		6.6'								0.0
18	18A	16				171.0'						13.0
18A	19A	18A		28.0'								1.8
18B	18	18A				172.0'						14.1
19	19	18		28.0'								2.0
20	20	18		197.0'								12.4
20A	20A	20		28.0'								1.4
21	21	20		247.0'								16.8
22	22	21		28.0'								1.8
22A	21A	21		197.0'								15.0
22B	22A	21A		28.0'								1.8
23	24	23		16.0'								0.4
24	25	24		28.0'								2.2
25	EX	26		2.4'								0.0
25A	27	EX		5.7'								0.0
26	28	27							68.7'			0.0
27	29	28		3.0'								0.0
28	30	28							31.1'			2.7
29	31	30										0.0
30	33	30							54.5'			1.9
31	32	33				26.6'						0.0
32	34	33							11.0'			0.0
33	35	34							5.9'			0.0
34	EX	36		76.6'								0.0

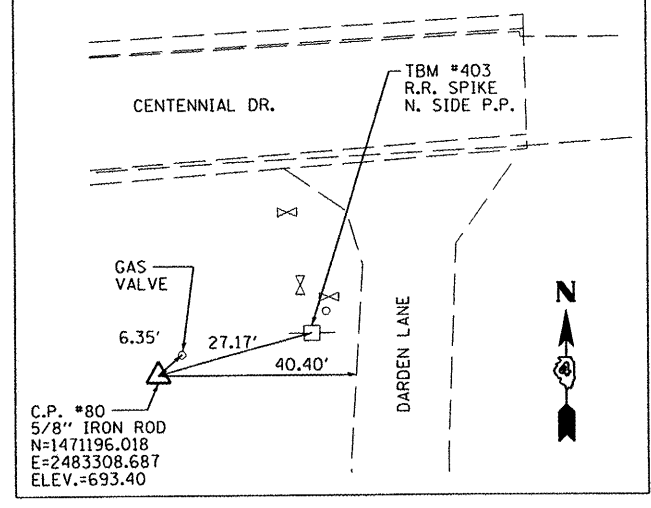
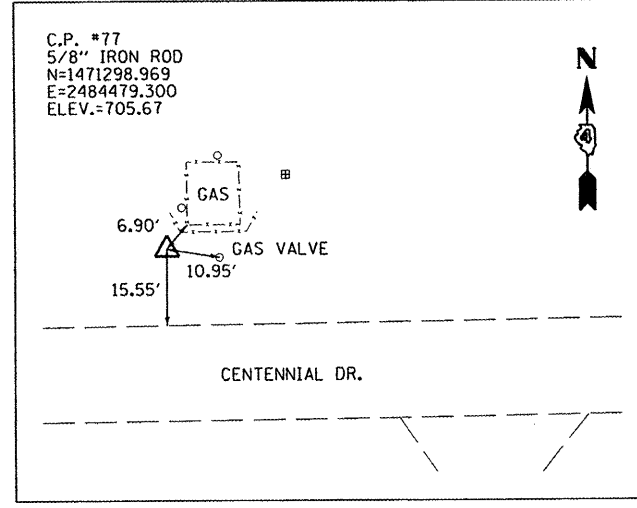
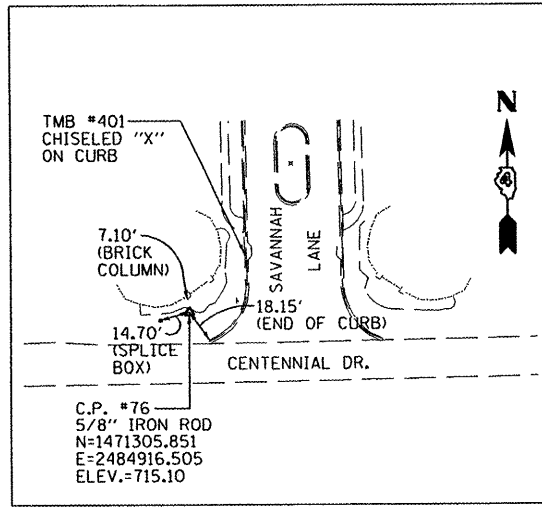
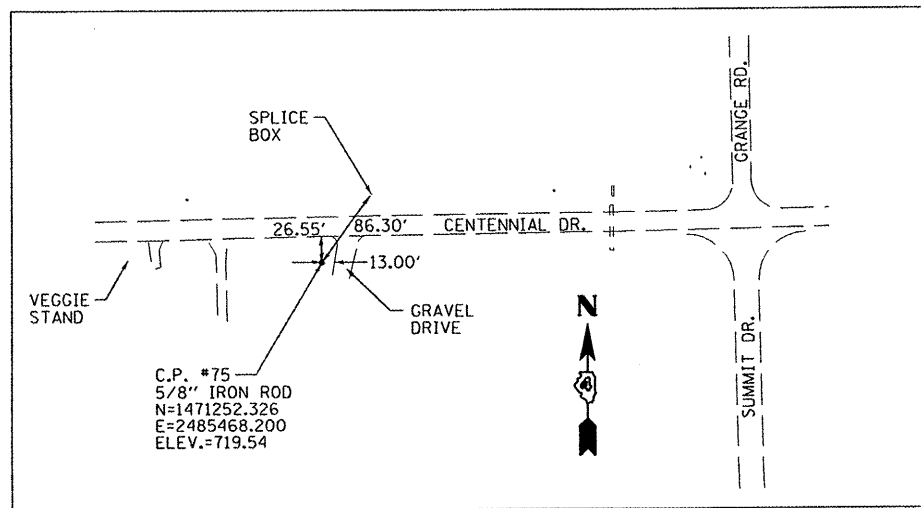
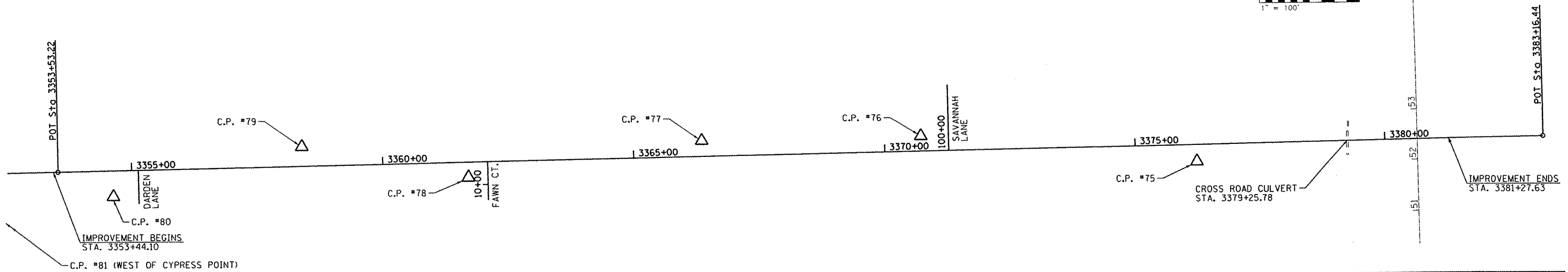
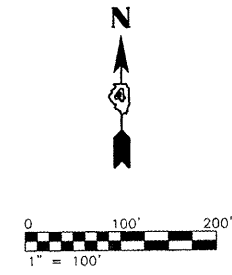
8' 1181' 395' 440' 240' 17' 154' 75' 325' 224

BENCHMARK INFORMATION

TBM #401: CHISELED "X" IN CONCRETE 2" SOUTH OF S.E. CORNER OF INLET ON WEST SIDE OF SAVANNAH LANE
ELEV. = 714.28

TBM #402: N. BOLT OF HYDRANT @ S.W. QUADRANT OF CENTENNIAL & CYPRESS POINT
ELEV. = 690.41

TBM #403: R.R. SPIKE N. SIDE OF POWER POLE IN S.W. QUADRANT OF CENTENNIAL & DARDEN LANE
ELEV. = 694.15



ALIGNMENT DATA FAU 6745 (CENTENNIAL DRIVE)

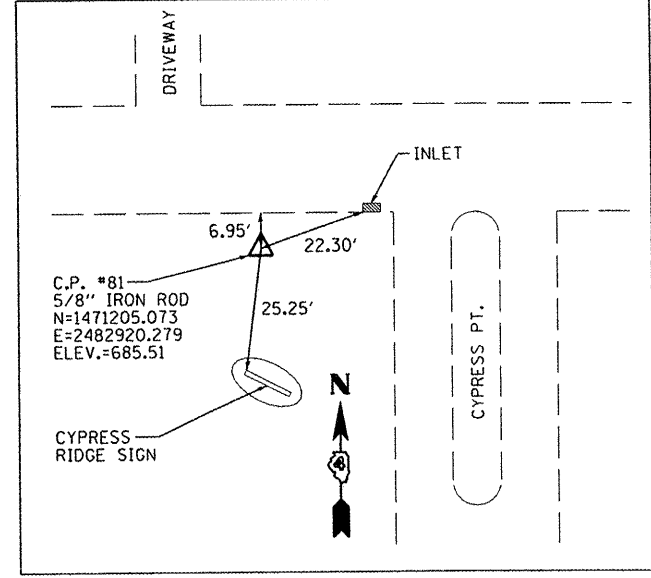
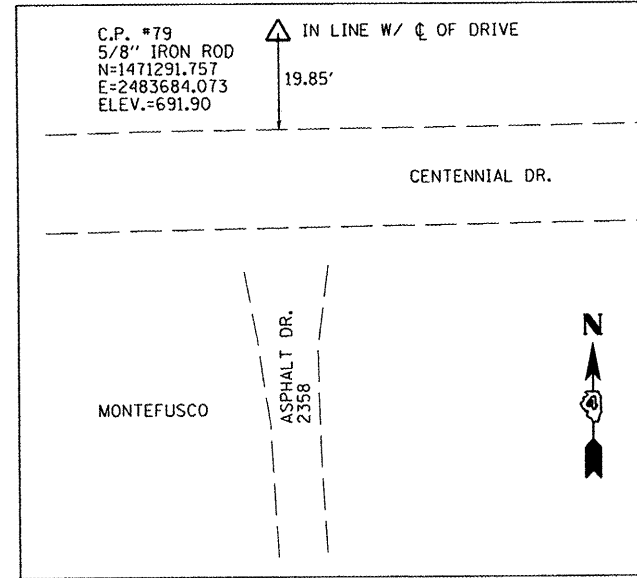
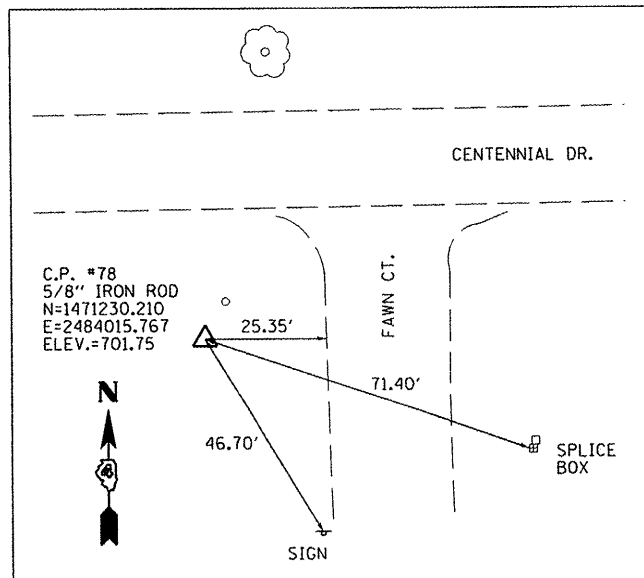
Chain PROPCL contains:

PROPCL1 PROPCL2 PROPCL3

Beginning chain PROPCL description

Point PROPCL1	N	1,471,203.1601	E	2,480,969.5006	Sta	3331+24.3800
Course from PROPCL1 to PROPCL2 88 33/64 56' 45.8062" Dist 2,228.8384						
Point PROPCL2	N	1,471,244.1568	E	2,483,197.9619	Sta	3353+53.2183
Course from PROPCL2 to PROPCL3 88 33/64 56' 51.4451" Dist 2,963.2177						
Point PROPCL3	N	1,471,298.5804	E	2,486,160.6798	Sta	3383+16.4360

Ending chain PROPCL description



FILE NAME : s:\237\2010\23710006 (CentennialDriveSegment)\IP\I\CADD\CADD Sheets\0489481-sht-ATB.dwg	USER NAME : rmbrodie	DESIGNED - BAB/RAW	REVISED -	MAURER & STUTZ, INC. ENGINEERS SURVEYORS	CENTENNIAL DRIVE PHASE IV ALIGNMENT, TIES, AND BENCHMARKS			F.A.U. RTE. 6745	SECTION 07-00130-03-PV	COUNTY TAZEWELL	TOTAL SHEETS 39	SHEET NO. 8
PLOT SCALE = 1/8" = 1' IN.	CHECKED - RMB	REVISED -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 89481				
PLOT DATE = 3/3/2011	DATE = 03/02/2011	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT							

STRUCTURE SCHEDULE

STATION	LT / RT	OFFSET	TYPE	CONTROL ELEVATION	FLOWLINE ELEVATION	INVERT ELEVATIONS				NOTE
						N	E	S	W	
8			IN-MH TY G-1 5D SP	696.40	692.13	693.09	692.54	693.24	692.13	
9			IN TY G-1	696.40	693.23	693.33		693.23		
9A			PRC FLAR END SEC 12	693.80	694.24	694.24		693.80		
10			IN TY A, TY 37 GRATE	697.62	694.45				694.45	
11			IN TY A, TY 37 GRATE	701.67	698.50		698.50			
12			IN TY A, TY 37 GRATE	701.67	698.23	698.23			698.33	
13			IN-MH TY G-1 5D SP	700.45	696.45	697.20	696.56	697.42	696.45	
13A			IN TY G-1	700.45	697.34			697.34		
14			PRC FLAR END SEC 12	700.73	701.08	701.08		700.73		
15			IN TY G-1	702.62	699.42	700.41		699.42		
16			IN-MH TY G-1 5D SP	702.62	698.57	699.28	699.23	699.70	698.57	
17			IN TY A, TY 37 GRATE	702.35	700.03	700.03				

SEC. 18, T26N, R3W, 3rd PM

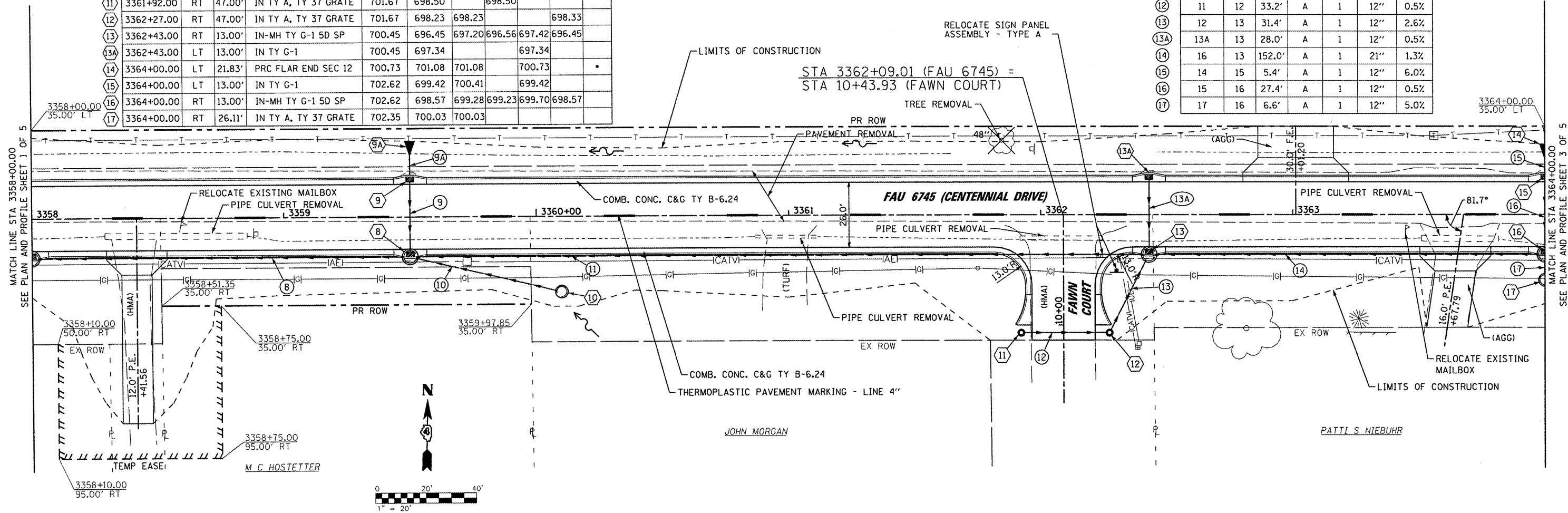
NOTE: FOR PRC FLARED END SECTIONS, FLOWLINE ELEVATION IS AT THE OPEN (FLARED) END, AND CONTROL ELEVATION IS AT THE CONNECTION TO THE PIPE.

PIPE SCHEDULE

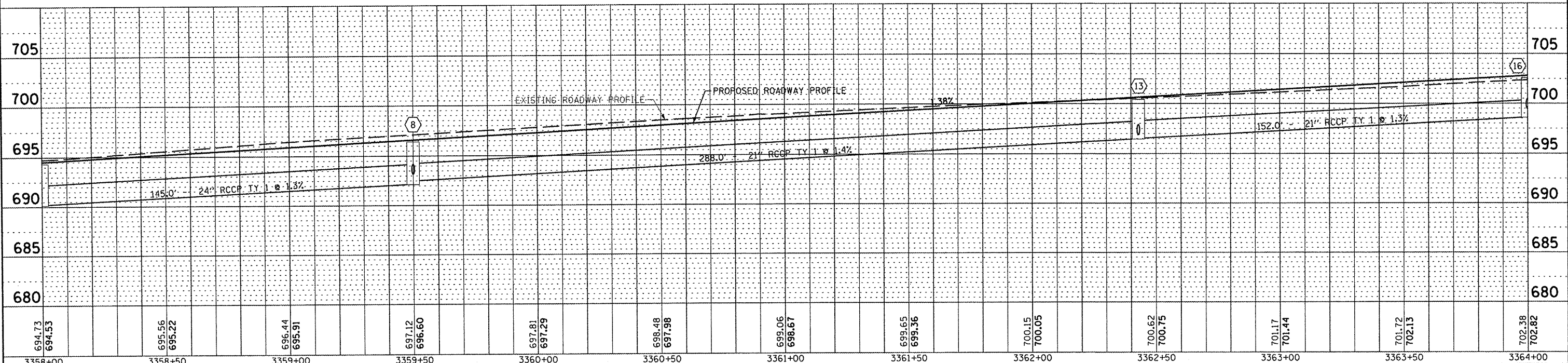
FROM STR.	TO STR.	LENGTH	CLASS	TYPE	DIA	SLOPE
8	7	145.0'	A	1	24"	1.3%
9	8	27.4'	A	1	12"	0.5%
9A	9	7.6'	A	1	12"	6.2%
10	8	57.2'	A	1	12"	2.1%
11	8	288.0'	A	1	21"	1.4%
12	11	33.2'	A	1	12"	0.5%
13	12	31.4'	A	1	12"	2.6%
13A	13	28.0'	A	1	12"	0.5%
14	13	152.0'	A	1	21"	1.3%
15	14	5.4'	A	1	12"	6.0%
16	15	27.4'	A	1	12"	0.5%
17	16	6.6'	A	1	12"	5.0%

DATE: _____
BY: _____
REVISIONS:
NO. DESCRIPTION
1. _____
2. _____
3. _____

DATE: _____
BY: _____
REVISIONS:
NO. DESCRIPTION
1. _____
2. _____
3. _____



SEC. 19, T26N, R3W, 3rd PM



694.73 694.53	695.56 695.22	696.44 696.91	697.12 696.60	697.81 697.29	698.48 697.98	699.06 698.67	699.65 699.36	700.15 700.05	700.62 700.75	701.17 701.44	701.72 702.13	702.38 702.82
3358+00	3358+50	3359+00	3359+50	3360+00	3360+50	3361+00	3361+50	3362+00	3362+50	3363+00	3363+50	3364+00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CENTENNIAL DRIVE PHASE IV
PLAN & PROFILE

FILE NAME: s:\237\2010\23710006\CentennialDriveSegment\IP\N\CADD\CADD Sheets\0499481-shr-plnpr	USER NAME: rmbrodie	DESIGNED: BAB/RAW	REVISED: -	F.A.U. RTE: 6745	SECTION: 07-00130-03-PV	COUNTY: TAZEWELL	TOTAL SHEETS: 39	SHEET NO.: 10
PLOT SCALE: 40.0000' / IN.	CHECKED: RMB	DATE: 03/02/2011	REVISED: -	SCALE: 1" = 20'		SHEET NO. 2 OF 5 SHEETS		CONTRACT NO. 89481

MPM HOMECRAFTERS LLC

JAMES R & YOLANDA L HIGGINS

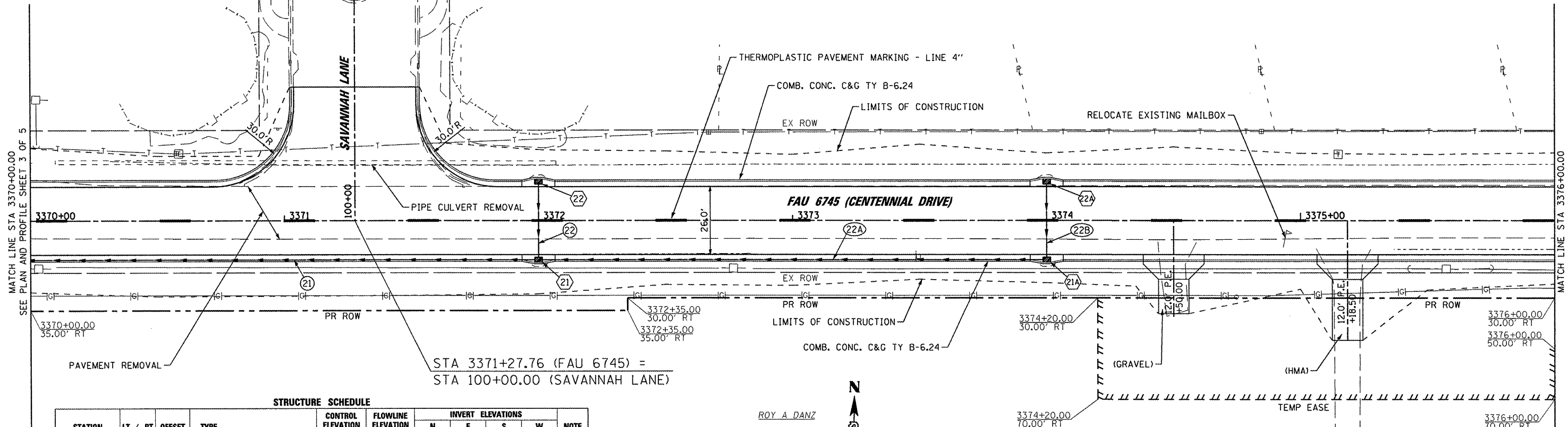
JOSEPH L & TAMARA D WILKINS

ROBERT & EILEEN MOSBACH

JOSHUA B SPAIN & ERIN A OLANDER

PLAN	SURVEYED	DATE
	NOTED	
	ALIGNED	
	CHECKED	
	RT. OF WAY	
	CHECKED	
	NO.	
	FILE NAME	

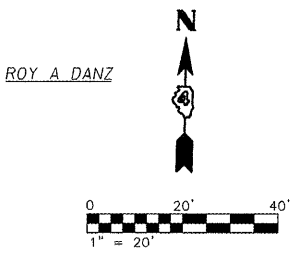
PROFILE	SURVEYED	DATE
	NOTED	
	PLOTTED	
	CHECKED	
	NO.	
	STRUCTURE	
	NOTATION	
	CHKD	



STA 3371+27.76 (FAU 6745) =
STA 100+00.00 (SAVANNAH LANE)

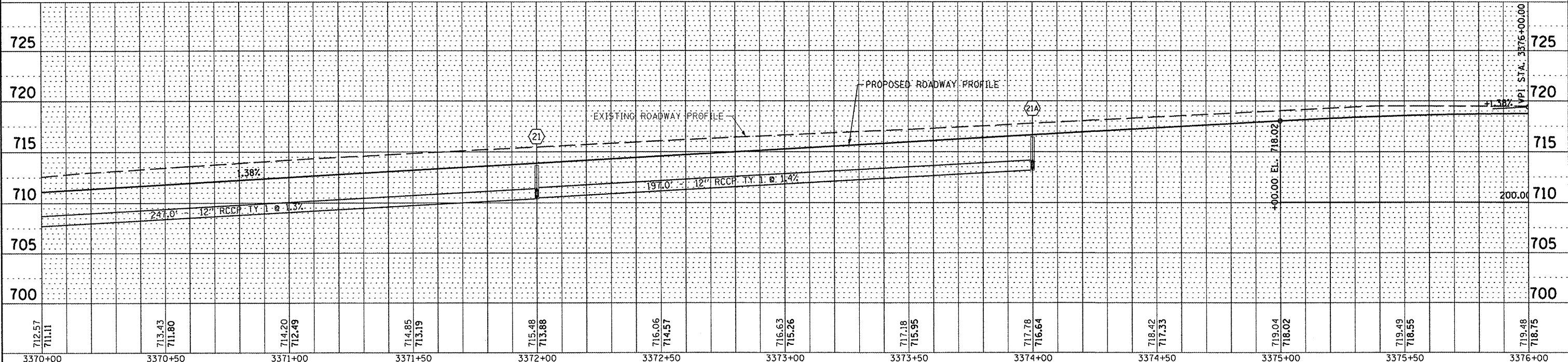
STRUCTURE SCHEDULE

STATION	LT / RT	OFFSET	TYPE	CONTROL ELEVATION	FLOWLINE ELEVATION	INVERT ELEVATIONS				NOTE
						N	E	S	W	
21	3372+00.00	RT	13.00'	IN TY G-1	713.68	710.39	710.43	710.43	710.39	
22	3372+00.00	LT	13.00'	IN TY G-1	713.68	710.57			710.57	
21A	3374+00.00	RT	13.00'	IN TY G-1	716.44	713.09	713.19		713.09	
22A	3374+00.00	LT	13.00'	IN TY G-1	716.44	713.33			713.33	



PIPE SCHEDULE

	FROM STR.	TO STR.	LENGTH	CLASS	TYPE	DIA	SLOPE
21	21	20	247.0'	A	1	12"	1.3%
22	22	21	28.0'	A	1	12"	0.5%
22A	21A	21	197.0'	A	1	12"	1.4%
22B	22A	21A	28.0'	A	1	12"	0.5%



712.57 711.11	713.43 711.80	714.20 712.49	714.85 713.19	715.48 713.88	716.06 714.57	716.63 715.26	717.18 715.95	717.78 716.64	718.42 717.33	719.04 718.02	719.49 718.55	719.48 718.75
3370+00	3370+50	3371+00	3371+50	3372+00	3372+50	3373+00	3373+50	3374+00	3374+50	3375+00	3375+50	3376+00

FILE NAME =
USER NAME = rmbadie
DESIGNED - BAB/RAW
DRAWN - BAB
CHECKED - RMB
DATE - 03/02/2011

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CENTENNIAL DRIVE PHASE IV
PLAN & PROFILE
SCALE: 1" = 20' SHEET NO. 4 OF 5 SHEETS STA. 3370+00.00 TO STA. 3376+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6745	07-00130-03-PV	TAZEWELL	39	12
CONTRACT NO. 89481			ILLINOIS FED. AID PROJECT	

DATE	
BY	
PLANNED	
CHECKED	
DATE	
BY	
DATE	
BY	

DATE	
BY	
PLANNED	
CHECKED	
DATE	
BY	
DATE	
BY	

STRUCTURE SCHEDULE

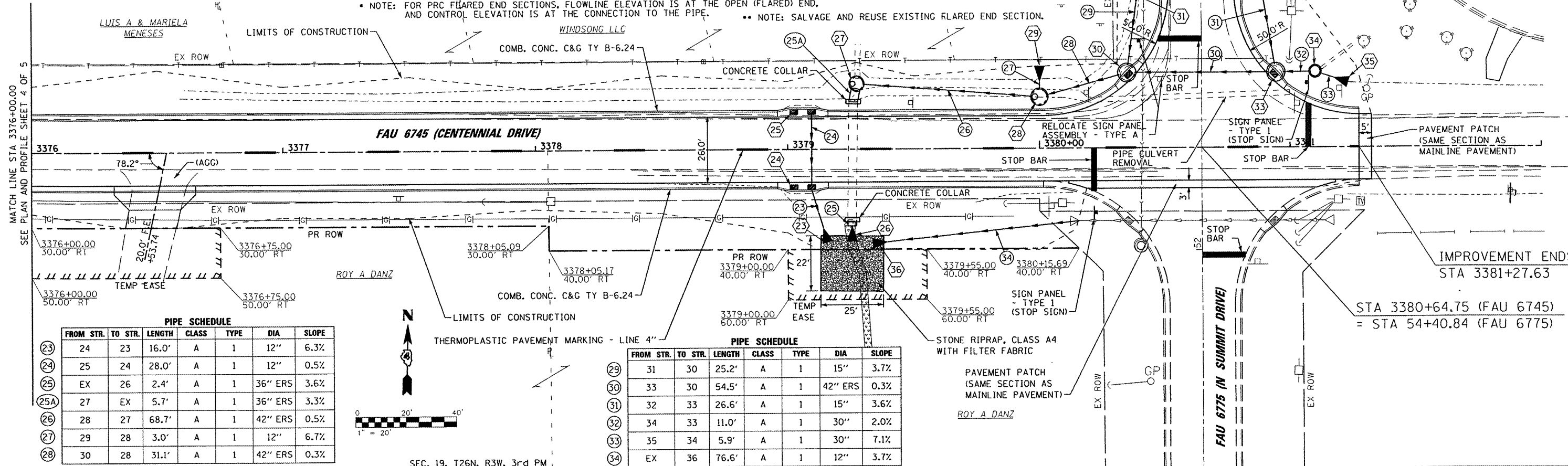
STATION	LT / RT	OFFSET	TYPE	CONTROL ELEVATION	FLOWLINE ELEVATION	INVERT ELEVATIONS				NOTE
						N	E	S	W	
3379+14.00	RT	31.34'	PRC FLAR END SEC 12	711.26	710.73	711.26		710.73		*
3379+06.00	RT	13.00'	INLETS TG-1 DBL (SPL)	716.06	712.26	712.65		712.26		
3379+06.00	LT	13.00'	INLETS TG-1 DBL (SPL)	716.06	712.79			712.79		
3379+25.55	RT	30.57'	PRC FL END S EO RS 36	710.58	710.32	710.58		710.32		*
3379+27.40	LT	26.00'	MAN TA 6 DIA TY 37 CRT	715.85	712.20	713.19	712.20	712.25		
3380+00.00	LT	20.50'	MAN TA 6 DIA TY 1F CL	717.10	712.56	713.83	712.58		712.56	
3380+00.00	LT	26.46'	PRC FLAR END SEC 12	714.03	714.75	714.75		714.03		*

NOTE: FOR PRC FLARED END SECTIONS, FLOWLINE ELEVATION IS AT THE OPEN (FLARED) END, AND CONTROL ELEVATION IS AT THE CONNECTION TO THE PIPE.

STRUCTURE SCHEDULE

STATION	LT / RT	OFFSET	TYPE	CONTROL ELEVATION	FLOWLINE ELEVATION	INVERT ELEVATIONS				NOTE
						N	E	S	W	
3380+37.01	LT	27.68'	IN-MH TY G-1 6D SP	717.29	712.68	714.06	712.70		712.68	
3380+38.76	LT	57.18'	PRC FLAR END SEC 15	715.00	715.22	715.22		715.00		*
3380+89.56	LT	58.43'	PRC FLAR END SEC 15	715.25	715.47	715.47		715.25		*
3380+92.32	LT	27.66'	IN-MH TY G-1 6D SP	716.91	712.88	714.29	713.68		712.88	
3381+10.00	LT	30.00'	MAN TA 6 DIA TY 1F CL	718.00	713.90	715.95	715.27		713.90	
3381+17.47	LT	27.52'	PRC FLAR END SEC 30	715.85	715.69		715.69		715.85	*
3379+39.66	RT	37.03'	PRC FLAR END SEC 12	710.93	710.70	710.93		710.70		**

NOTE: SALVAGE AND REUSE EXISTING FLARED END SECTION.

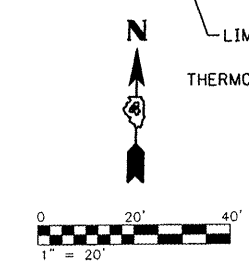


PIPE SCHEDULE

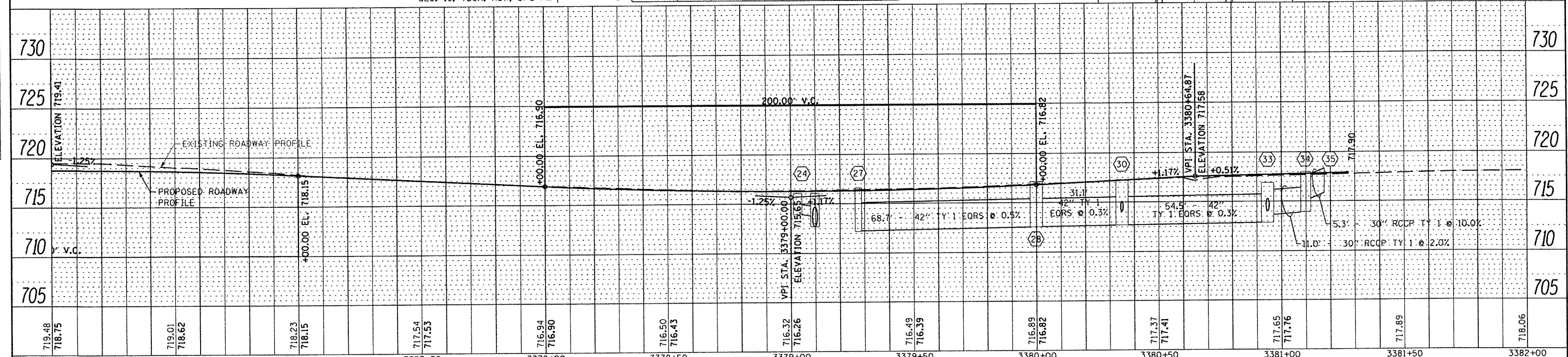
FROM STR.	TO STR.	LENGTH	CLASS	TYPE	DIA	SLOPE
24	23	16.0'	A	1	12"	6.3%
25	24	28.0'	A	1	12"	0.5%
EX	26	2.4'	A	1	36" ERS	3.6%
27	EX	5.7'	A	1	36" ERS	3.3%
28	27	68.7'	A	1	42" ERS	0.5%
29	28	3.0'	A	1	12"	6.7%
30	28	31.1'	A	1	42" ERS	0.3%

PIPE SCHEDULE

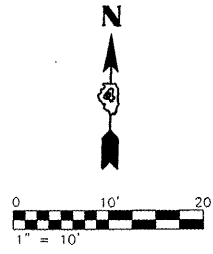
FROM STR.	TO STR.	LENGTH	CLASS	TYPE	DIA	SLOPE
31	30	25.2'	A	1	15"	3.7%
33	30	54.5'	A	1	42" ERS	0.3%
32	33	26.6'	A	1	15"	3.6%
34	33	11.0'	A	1	30"	2.0%
35	34	5.9'	A	1	30"	7.1%
EX	36	76.6'	A	1	12"	3.7%



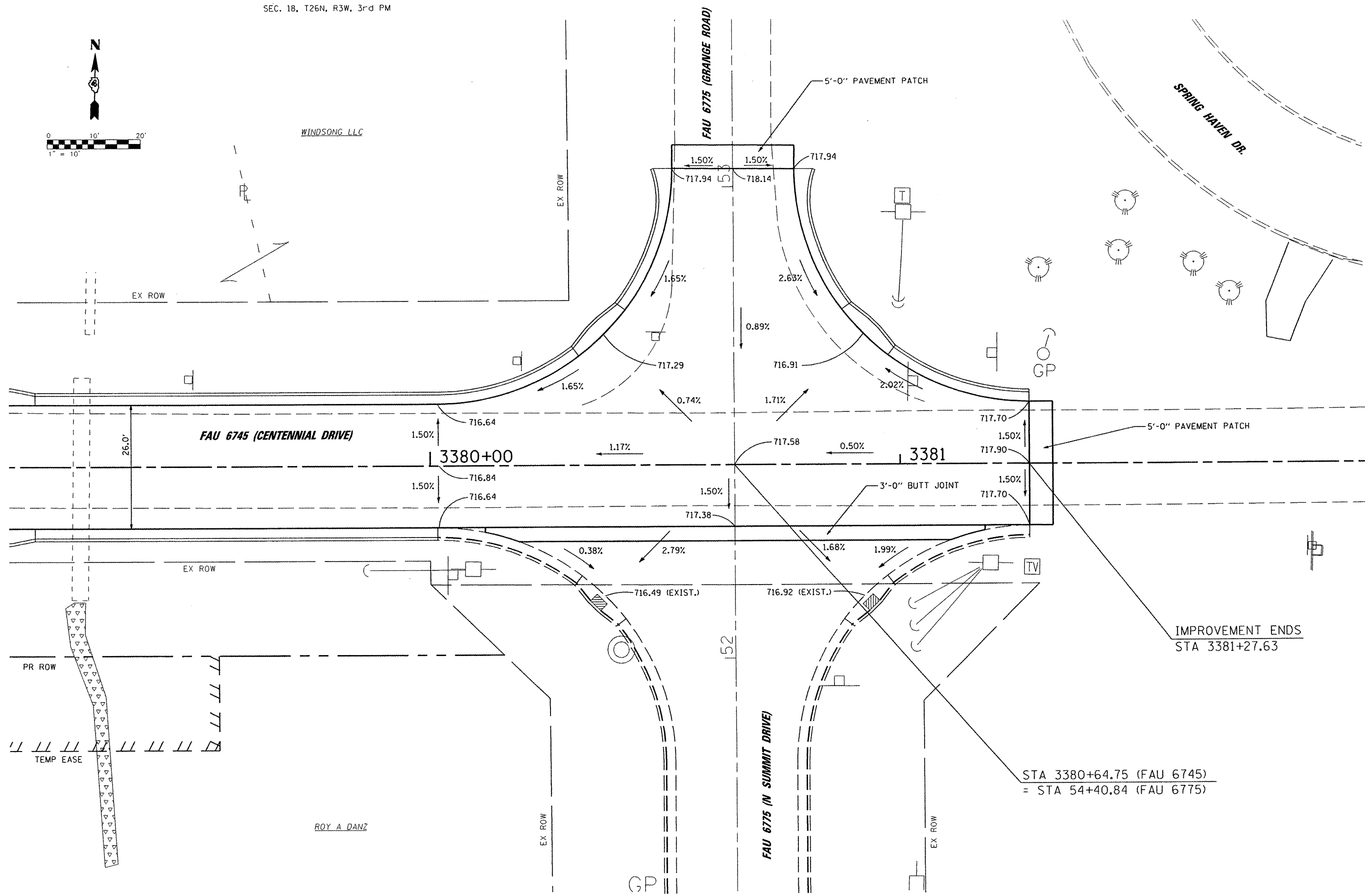
SEC. 19, T26N, R3W, 3rd PM



FILE NAME =	USER NAME = rmbrodie	DESIGNED - BAB/RAW	REVISED -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p> <p align="center">CENTENNIAL DRIVE PHASE IV PLAN & PROFILE</p>	F.A.U. RTE. 6745	SECTION 07-00130-03-PV	COUNTY TAZEWELL	TOTAL SHEETS 39	SHEET NO. 13	
es:\237\2010\23710006 (Centennial Drive Segment)\VPH\1\CADD\CADD Sheets\0489481-sht-pln	DRAWN - BAB	CHECKED - RMB	REVISED -		SCALE: 1" = 20'	SHEET NO. 5 OF 5 SHEETS	STA. 3376+00.00 TO STA. 3381+27.63	CONTRACT NO. 89481		
PLOT SCALE = 40.0000' / IN.	DATE - 03/02/2011	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT					
PLOT DATE = 3/3/2011	REVISED -	REVISED -	REVISED -							



WINDSONG, LLC








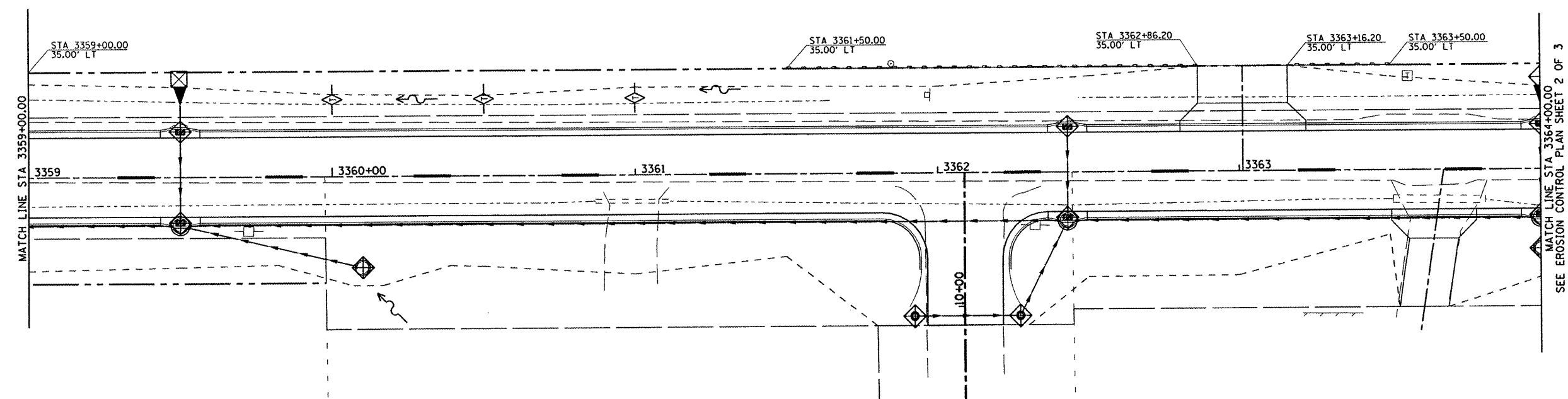
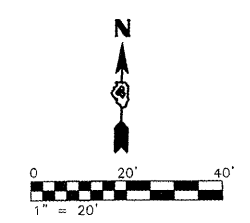
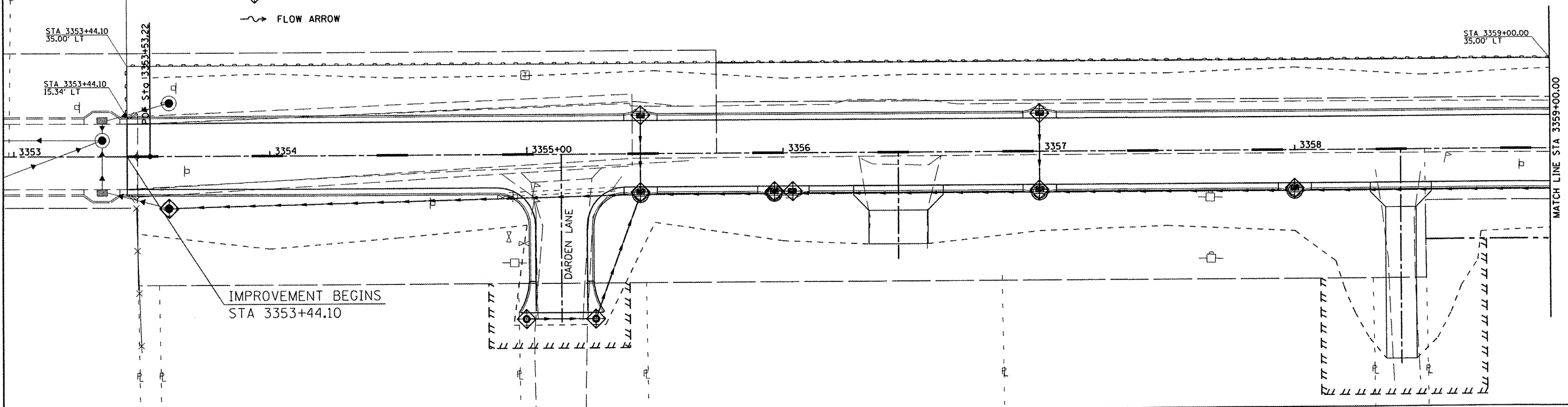
IMPROVEMENT ENDS
STA 3381+27.63


STA 3380+64.75 (FAU 6745)
= STA 54+40.84 (FAU 6775)

FILE NAME = s:\237\2010\23710006 (CentennialDriveSegment)\VPI\CADD\CADD Sheets\0489481-shr-int.dwg USER NAME = rmbrodle PLOT SCALE = 20.0000' / IN. PLOT DATE = 3/3/2011	DESIGNED - BAB/RAW DRAWN - BAB CHECKED - RMB DATE - 03/02/2011	REVISED - REVISED - REVISED - REVISED -		CENTENNIAL DRIVE PHASE IV INTERSECTION DETAIL		F.A.J. RTE. 6745 SECTION 07-00130-03-PV COUNTY TAZEWELL TOTAL SHEETS 39 SHEET NO. 14 CONTRACT NO. 89481 ILLINOIS FED. AID PROJECT
	SCALE: 1" = 10' SHEET NO. 1 OF 1 SHEETS STA. TO STA.					






LEGEND

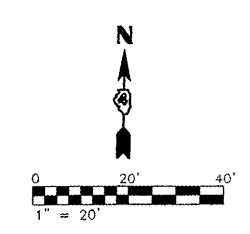
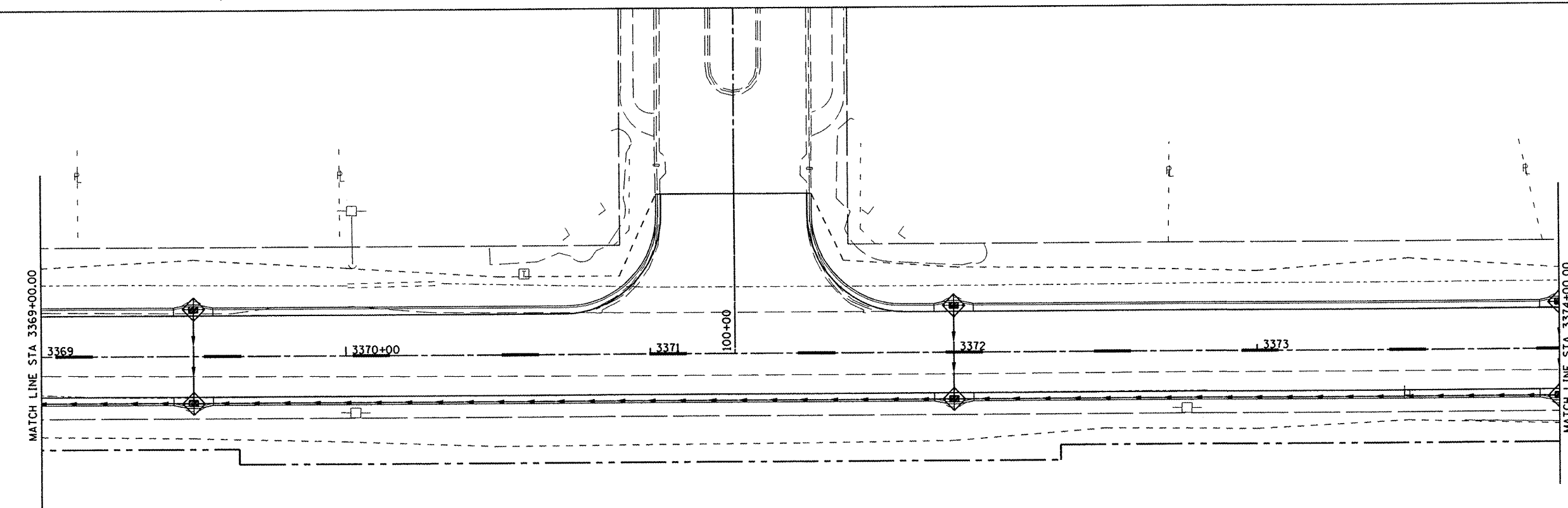
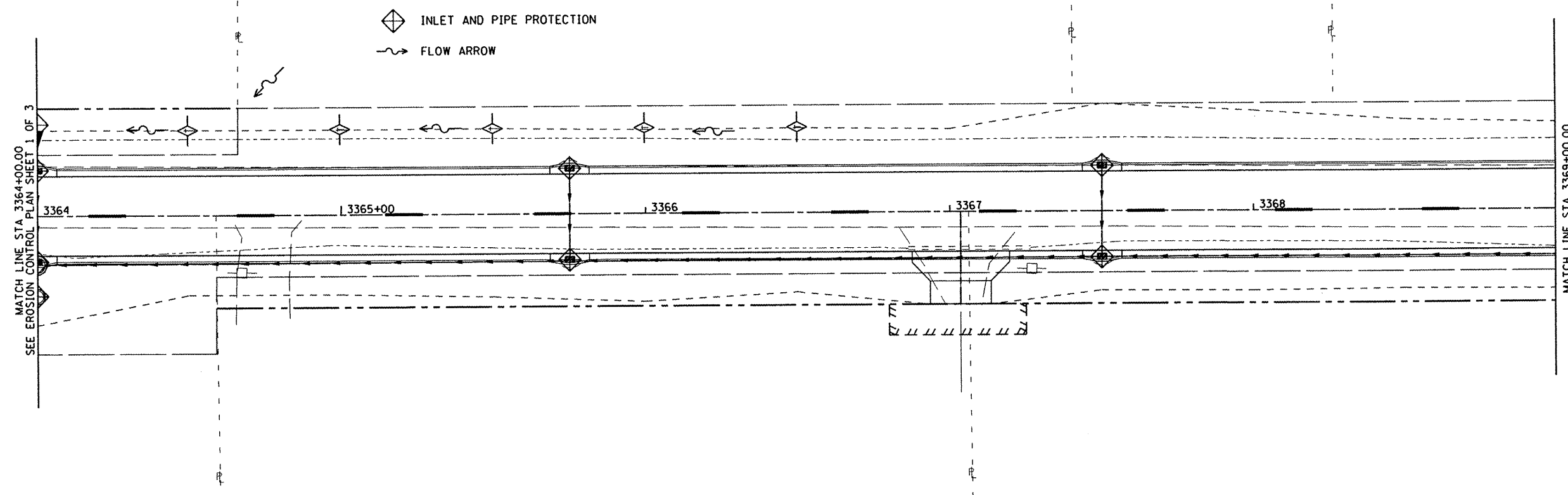
-  STONE RIPRAP, CLASS A4
-  TEMPORARY DITCH CHECKS
-  PERIMETER EROSION BARRIER
-  INLET AND PIPE PROTECTION
-  FLOW ARROW



FILE NAME = s:\237\2010\23710006 (Centennial Drive Segm	USER NAME = rmbrodie	DESIGNED - BAB/RAW	REVISED -		CENTENNIAL DRIVE PHASE IV EROSION CONTROL PLAN		F.A.U. RTE. 6745	SECTION 07-00130-03-PV	COUNTY TAZEWELL	TOTAL SHEETS 39	SHEET NO. 15	
	PLOT SCALE = 39.9999 "/ IN.	CHECKED - RMB	REVISED -		SCALE: 1" = 20'	SHEET NO. 1 OF 3 SHEETS	STA. 3353+44.10 TO STA. 3364+00.00	ILLINOIS FED. AID PROJECT				
	PLOT DATE = 3/3/2011	DATE - 03/02/2011	REVISED -									
CONTRACT NO. 89481												

LEGEND

-  STONE RIPRAP, CLASS A4
-  TEMPORARY DITCH CHECKS
-  PERIMETER EROSION BARRIER
-  INLET AND PIPE PROTECTION
-  FLOW ARROW



FILE NAME =	USER NAME = rbradle	DESIGNED - BAB/RAW	REVISED -
st:\237\2010\23710006 (Centennial Drive) Segments\IVPH\I\CADD\CADD Sheets\D489481-shr-eros.dwg		DRAWN - BAB	REVISED -
		CHECKED - RMB	REVISED -
		DATE - 03/02/2011	REVISED -








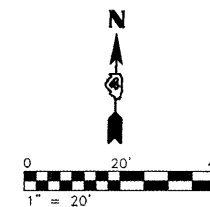
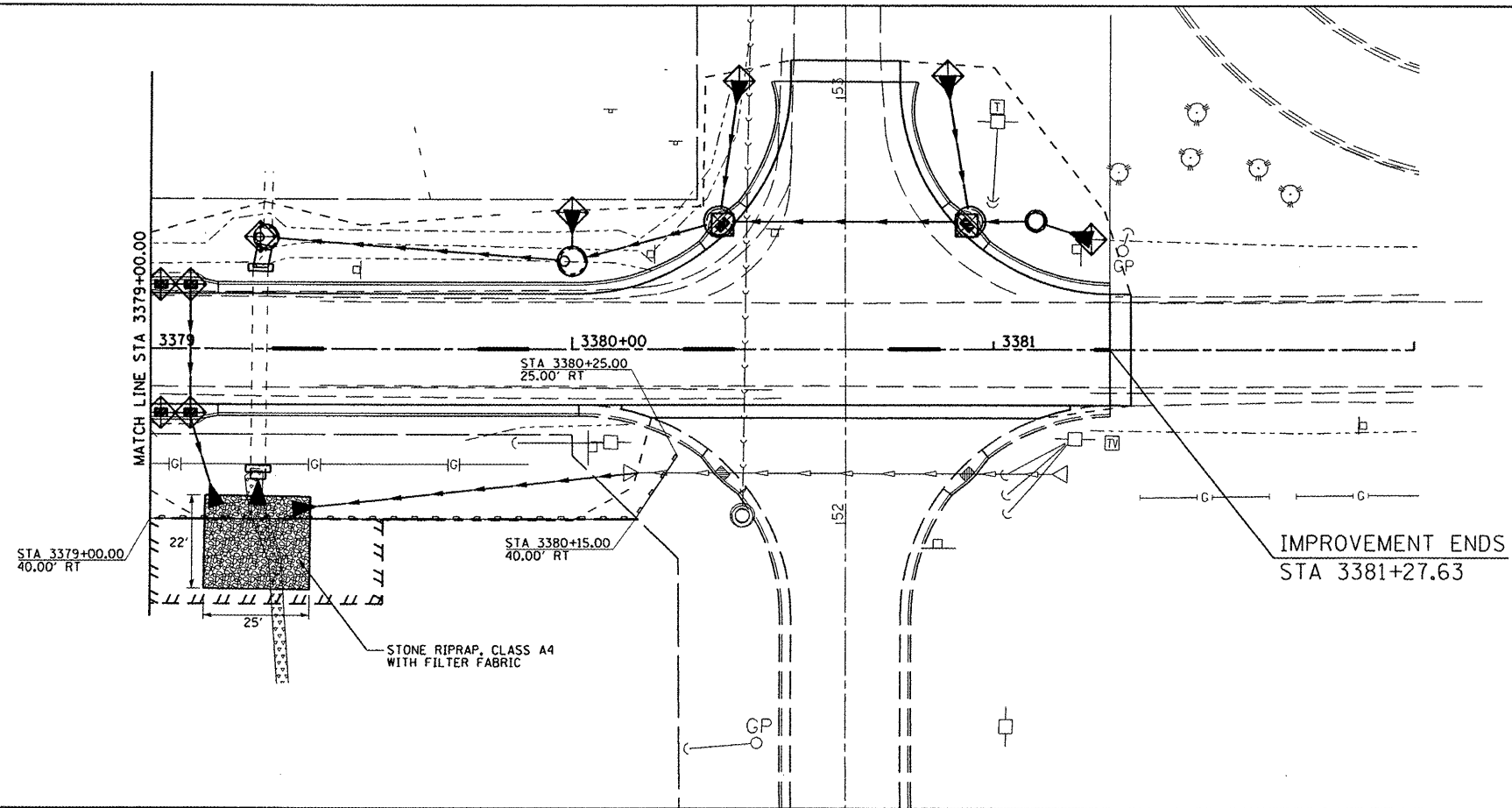
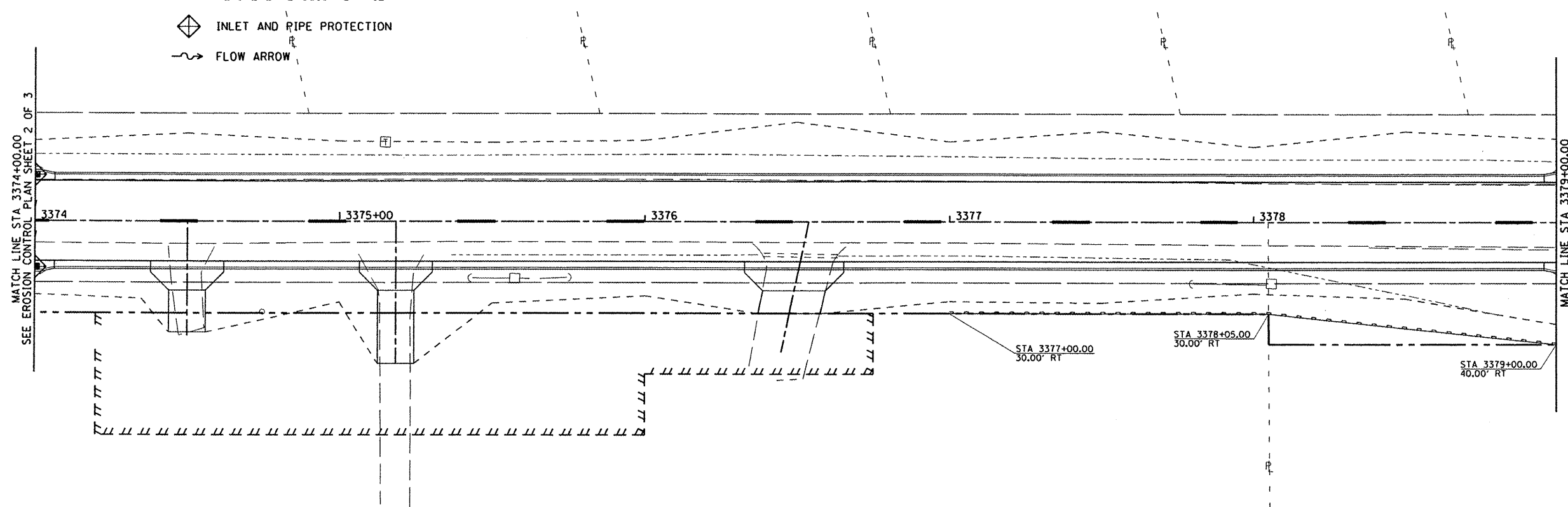
**CENTENNIAL DRIVE PHASE IV
EROSION CONTROL PLAN**

SCALE: 1" = 20' SHEET NO. 2 OF 3 SHEETS STA. 3364+00.00 TO STA. 3374+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6745	07-00130-03-PV	TAZEWELL	39	16
CONTRACT NO. 89481				
ILLINOIS FED. AID PROJECT				

LEGEND

-  STONE RIPRAP, CLASS A4
-  TEMPORARY DITCH CHECKS
-  PERIMETER EROSION BARRIER
-  INLET AND PIPE PROTECTION
-  FLOW ARROW



FILE NAME = s:\237\2010\23710006 (CentennialDriveSegment1)VP\11\CADD\CADD Sheets\D489481-shr-eros.dwg	USER NAME = rbradley	DESIGNED - BAB/RAW	REVISED -
		DRAWN - BAB	REVISED -
		CHECKED - RMB	REVISED -
		DATE - 03/02/2011	REVISED -
PLOT SCALE = 39.9999' / IN.			
PLOT DATE = 3/3/2011			

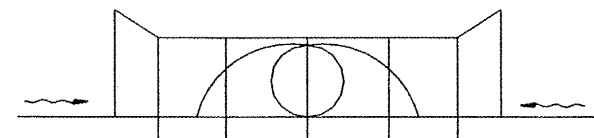


**CENTENNIAL DRIVE PHASE IV
EROSION CONTROL PLAN**

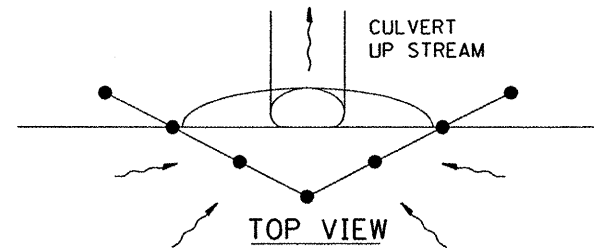
SCALE: 1" = 20' SHEET NO. 3 OF 3 SHEETS STA. 3374+00.00 TO STA. 3381+32.63

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6745	07-00130-03-PV	TAZEWELL	39	17
CONTRACT NO. 89481				

ILLINOIS FED. AID PROJECT

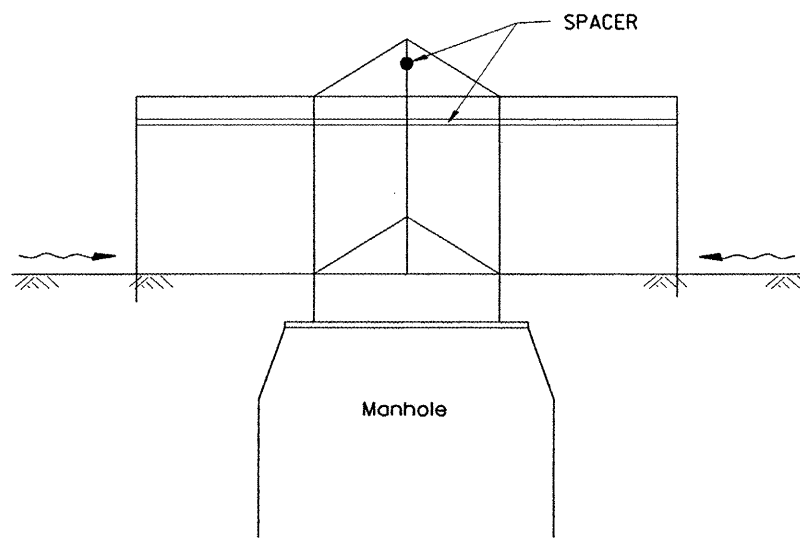


FRONT VIEW

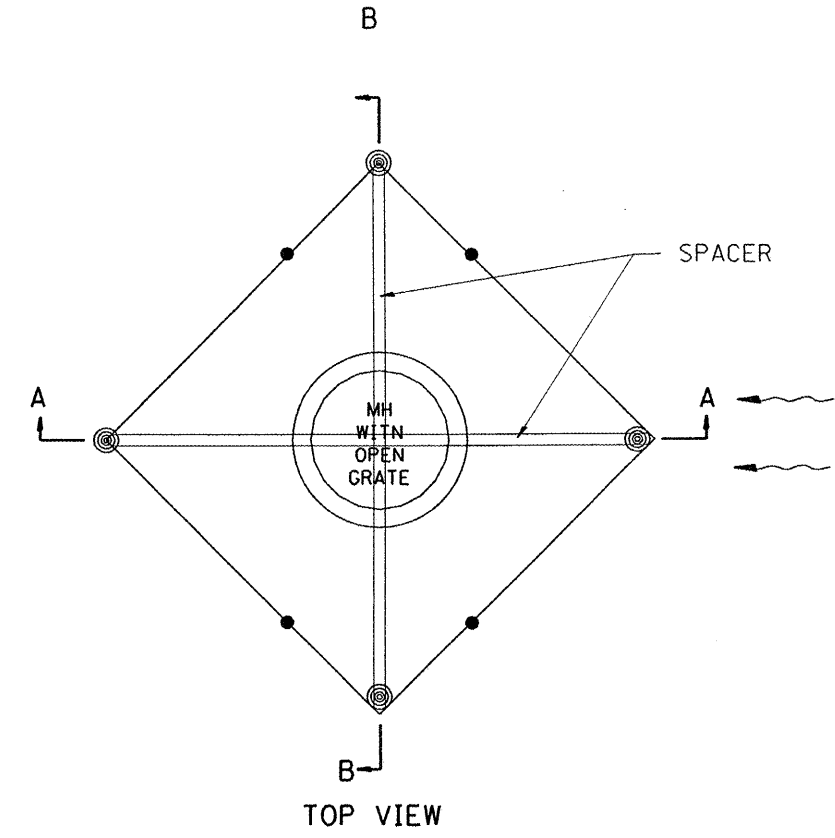


TOP VIEW

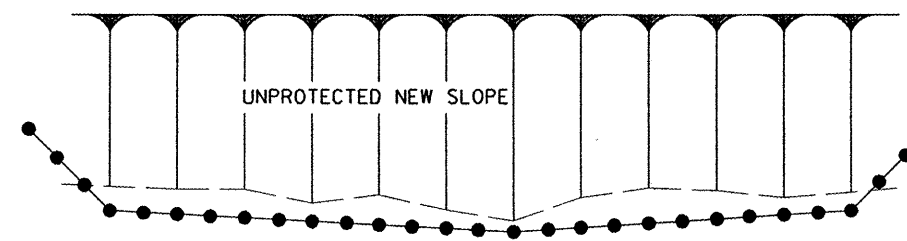
UPSTREAM PIPE CULVERT EROSION CONTROL



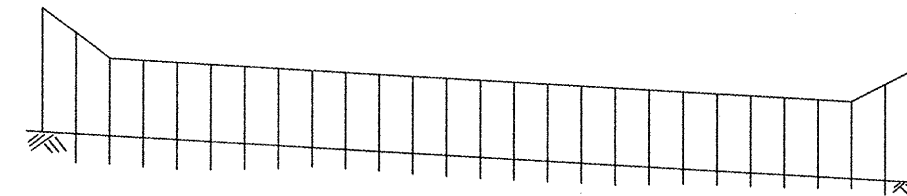
SIDE VIEW
A-A



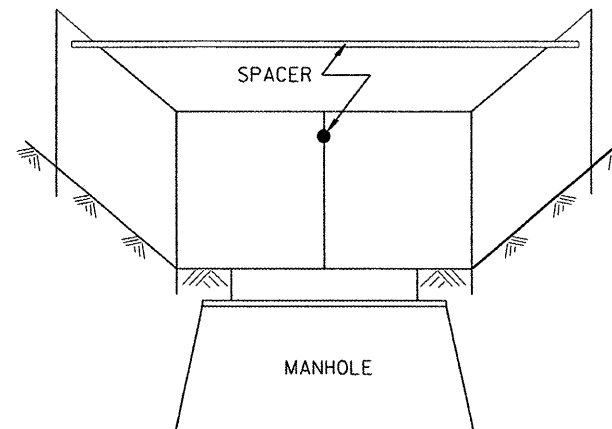
TOP VIEW



TOP VIEW



FRONT VIEW



Front View
B-B

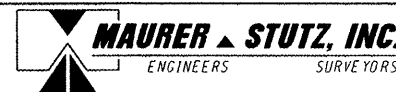
EROSION CONTROL
AT
OPEN GRATE MAN HOLE

GENERAL NOTES:

1. This work shall be performed in accordance with Sections 280 & 1081, of the Standard Specifications.
2. Additional Timber or Metal Post shall be installed, as needed.

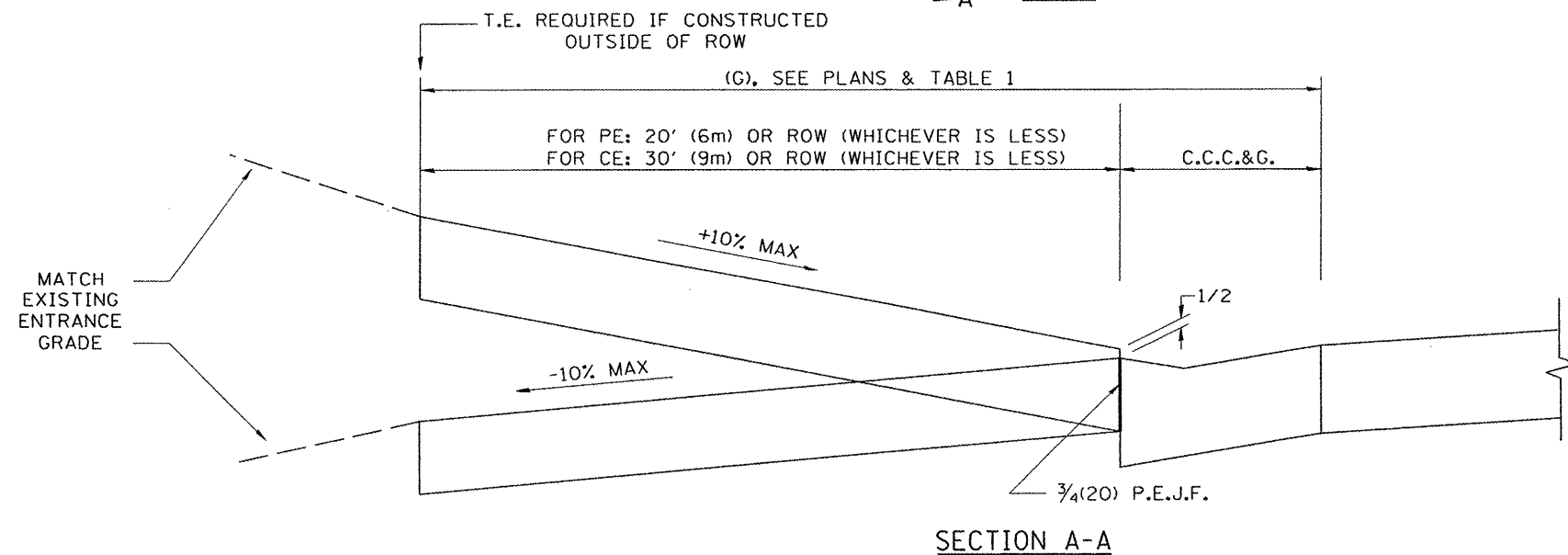
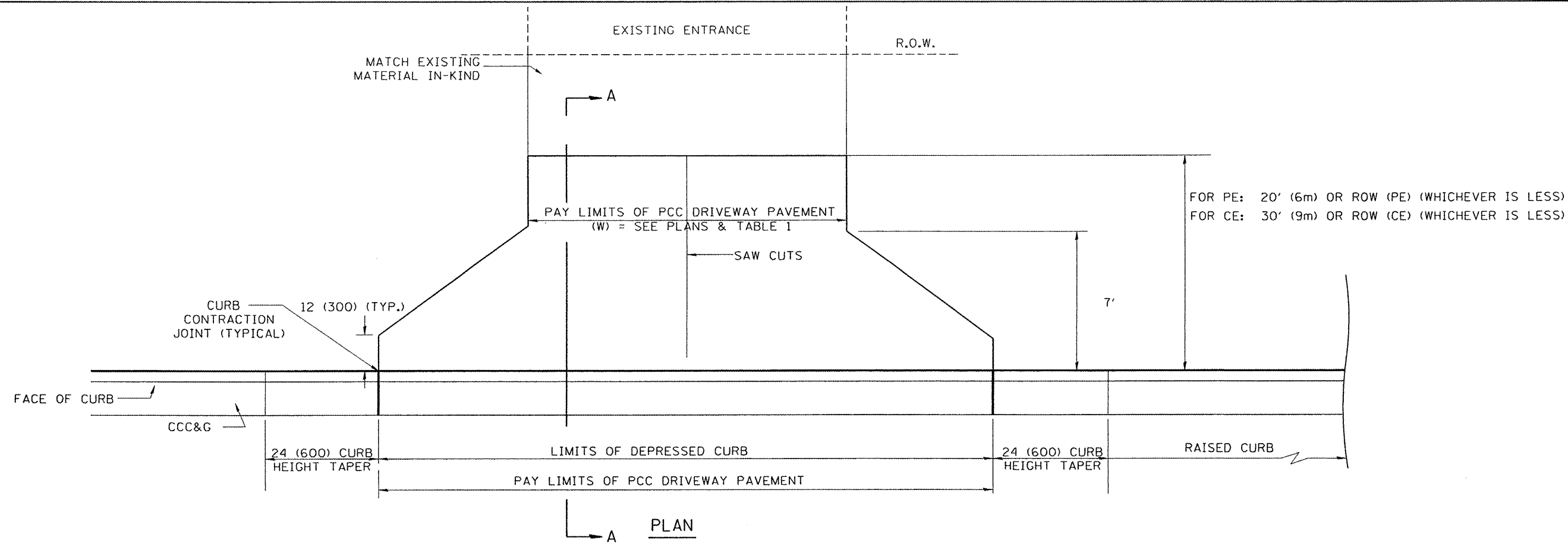
All dimensions are in inches (millimeters) unless otherwise noted.

FILE NAME =	USER NAME = rmbrodle	DESIGNED - BAB/RAW	REVISED -
es:\237\2010\23710006 (Centennial Drive Segment) \P\PH\DWG\CADD\CADD Sheets\489481-sh1-det.dwg	DRAWN - BAB	CHECKED - RMB	REVISED -
PLOT SCALE = 100.0000 / IN.	DATE - 03/02/2011	REVISED -	
PLOT DATE = 3/3/2011			



CENTENNIAL DRIVE PHASE IV				
TYPICAL APPLICATION OF SILT FILTER FENCE				
SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6745	07-00130-03-PV	TAZEWELL	39	18
CONTRACT NO. 89481				
ILLINOIS FED. AID PROJECT				



GENERAL NOTES

1. COMBINATION CONCRETE CURB & GUTTER SHALL BE DEPRESSED IN ACCORDANCE WITH STANDARD 606001.
2. C.C.C. & G. WILL BE MEASURED FOR PAYMENT AS SPECIFIED IN ARTICLE 606.13 OF THE STANDARD SPECIFICATIONS.
3. C.C.C. & G. CONSTRUCTION JOINTS WILL BE AS SHOWN ON STANDARD 606001.
4. EXCEPTIONS TO THE RADIUS FLARE/PROPERTY LINE RELATIONSHIP ARE AS SHOWN IN THE PLANS FOR COMMON ENTRANCES, WITH JOINTLY EXECUTED ACCESS PERMITS.

TABLE 1						
URBAN ENTRANCE DESIGN CONTROLS						
ELEMENT	NON-COMMERCIAL		COMMERCIAL			
			1-WAY OPERATION		2-WAY OPERATION	
WIDTH (W)	12' (3.6m)MIN.	24' (7.2m)MAX.	14' (4.3m)MIN.	24' (7.2m)MAX.	24' (7.2m)MIN.	35' (10.7m)MAX.
RADIUS EQUIVALENT 1:1 FLARE (F)	5' (1.5m)MIN.	25' (7.6m)MAX.	15' (4.6m)MIN.	40' (12.0m)MAX.	15' (4.6m)MIN.	40' (12.0m)MAX.
MAX. GRADE (G)	10%		6%			

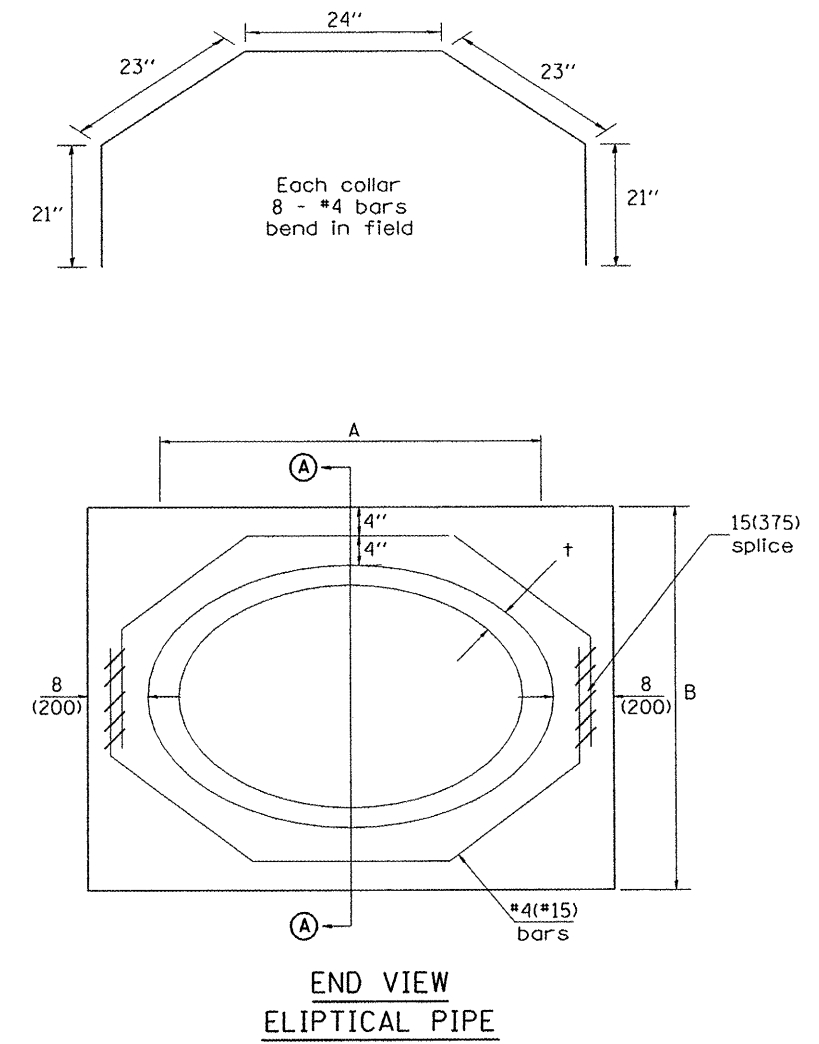
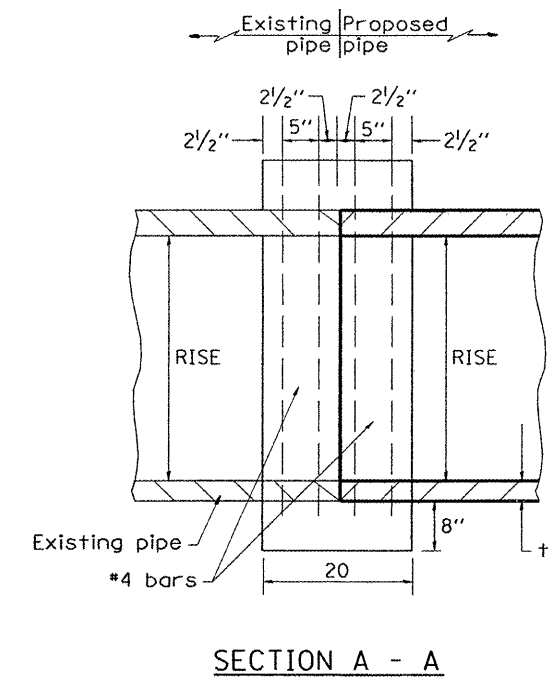
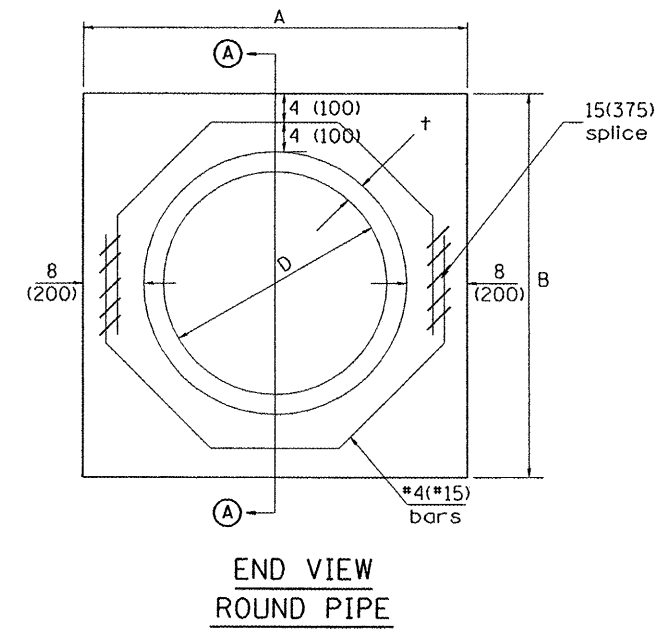
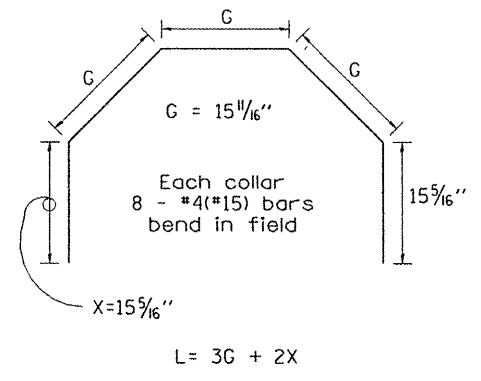
All dimensions are in inches (millimeters) unless otherwise noted.

FILE NAME =	USER NAME = rmbrodie	DESIGNED - BAB/RAW	REVISED -
si:\237\2010\23710006 (Centennial Drive Segment) \I\PHID\CADD\CADD Sheets\0489481-sh1-det.dwg	BAW	BAW	REVISED -
PLOT SCALE = 100.0000 / IN.	CHECKED - RMB	REVISED -	REVISED -
PLOT DATE = 3/3/2011	DATE - 03/02/2011	REVISED -	REVISED -



CENTENNIAL DRIVE PHASE IV				
URBAN ENTRANCES WITHOUT SIDEWALKS				
SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.

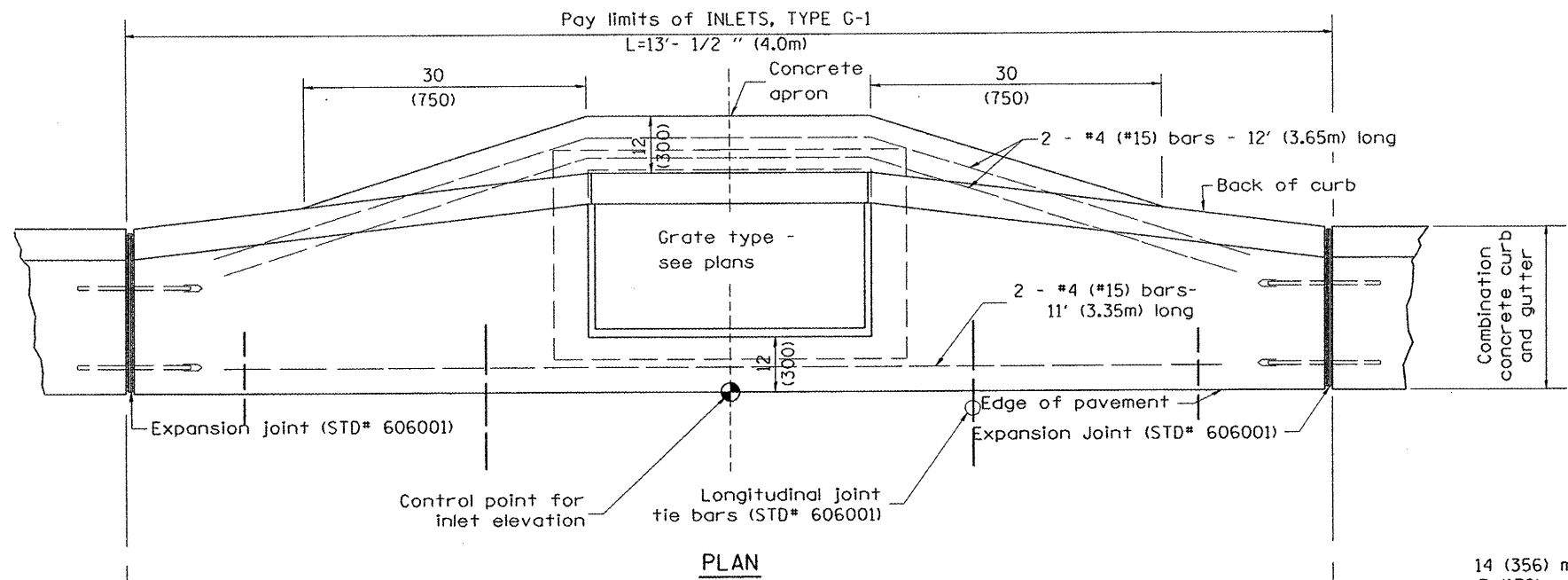
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6745	07-00130-03-PV	TAZEWELL	39	20
CONTRACT NO. 89481				
ILLINOIS FED. AID PROJECT				



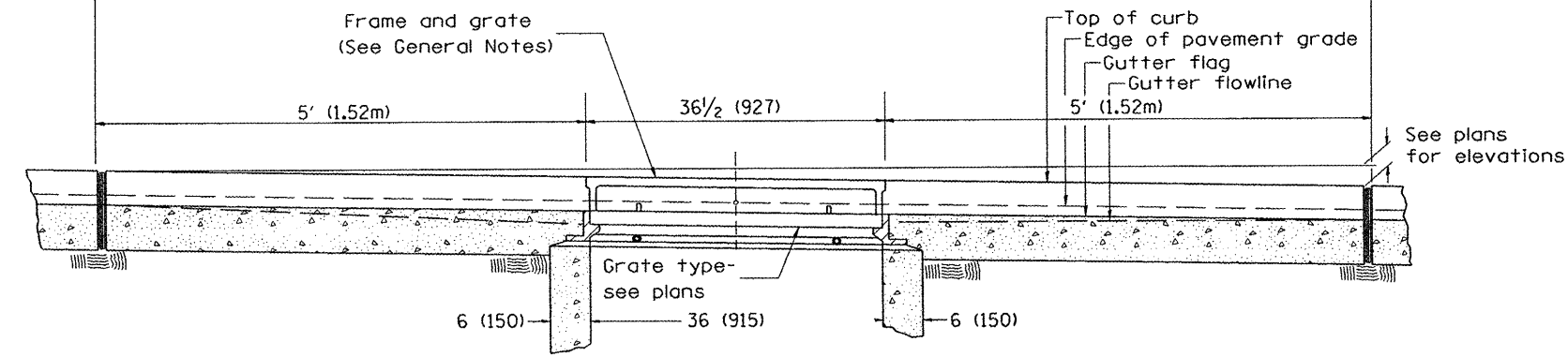
GENERAL NOTES

1. THE COLLAR SHALL BE CONSTRUCTED ENTIRELY OF CLASS SI CONCRETE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 503 OF THE STANDARD SPECIFICATIONS. REINFORCEMENT BARS SHALL CONFORM TO SECTION 508.

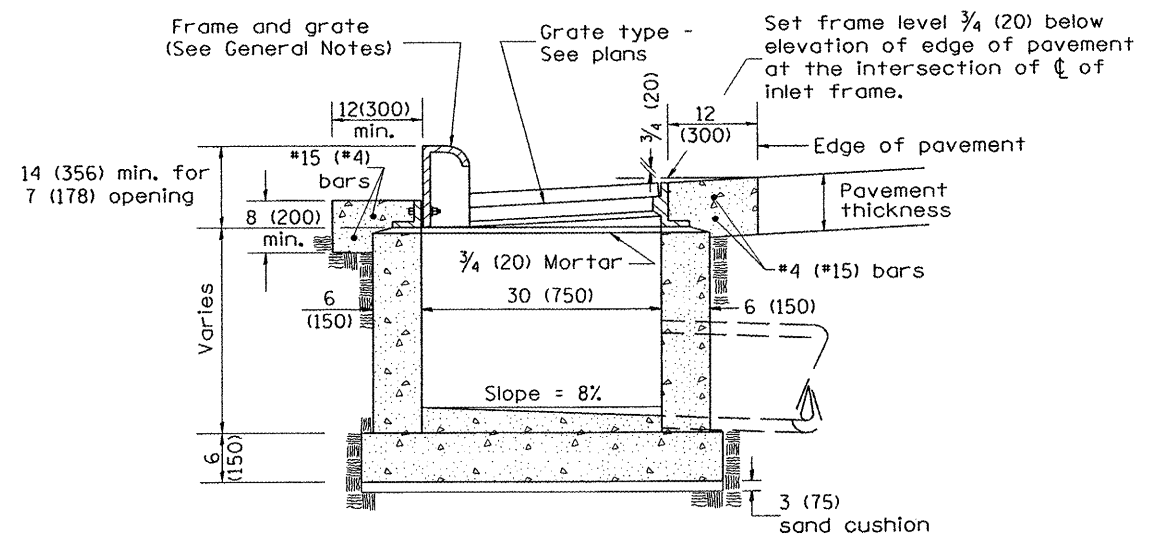
RISE in	SPAN in	t in	A ft	B ft	Each Collar		
					CL. SI CONC. cu. yd.	L ft	Weight lb
29	45	4.5	5' - 10"	4' - 6"	0.9	9.33	50
24	24	3.0	3' - 10"	3' - 10"	0.6	6.51	35



PLAN



ELEVATION (FRONT)



ELEVATION (SIDE)

GENERAL NOTES

1. Inlet construction shall be in accordance with Section 602 of the Standard Specifications.
2. Combination Concrete Curb and Gutter shall be constructed in accordance with Section 606 of the Standard Specifications.
3. See District CADD Standard 604001-D4 for frame and grates.

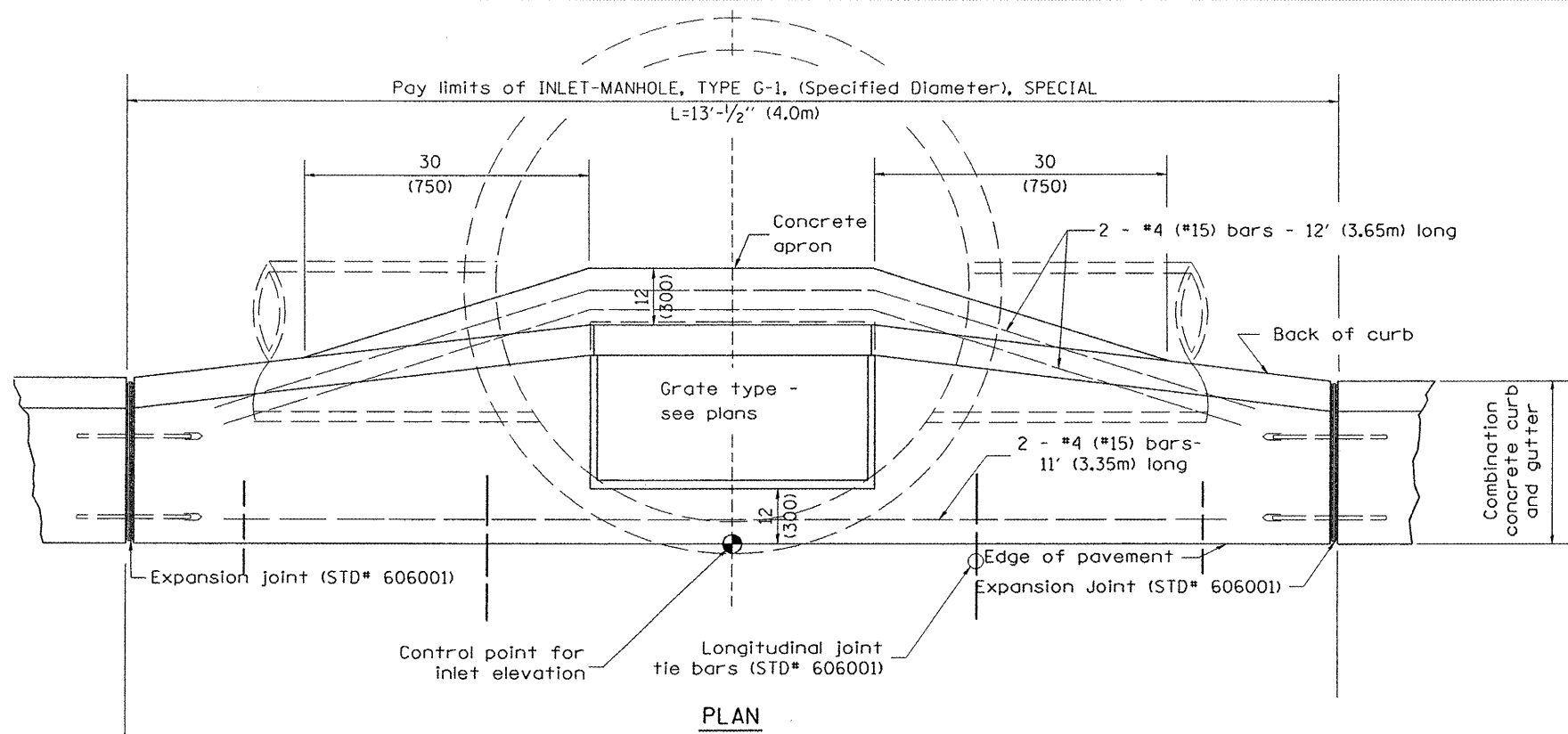
All dimensions are in inches (millimeters) unless otherwise noted.

FILE NAME =	USER NAME = rbradle	DESIGNED - BAB/RAW	REVISED -
S:\237\2010\23710006 (Centennial Drive Segment)\VP\II\CADD\CADD Sheets\0489481-sht-detail	DRAWN - BAB	CHECKED - RMB	REVISED -
	PLOT SCALE = 100.0000' / IN.	DATE - 03/02/2011	REVISED -
	PLOT DATE = 3/15/2011		

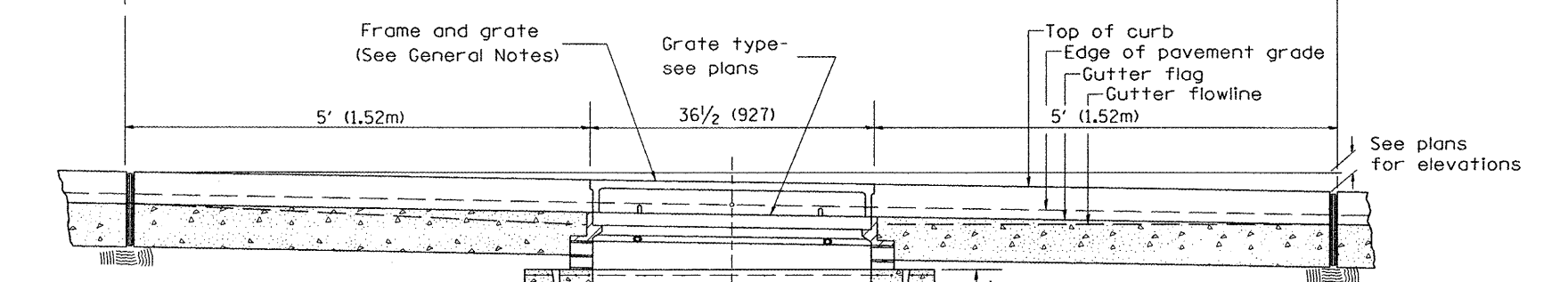


CENTENNIAL DRIVE PHASE IV			
INLETS, TYPE G-1			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

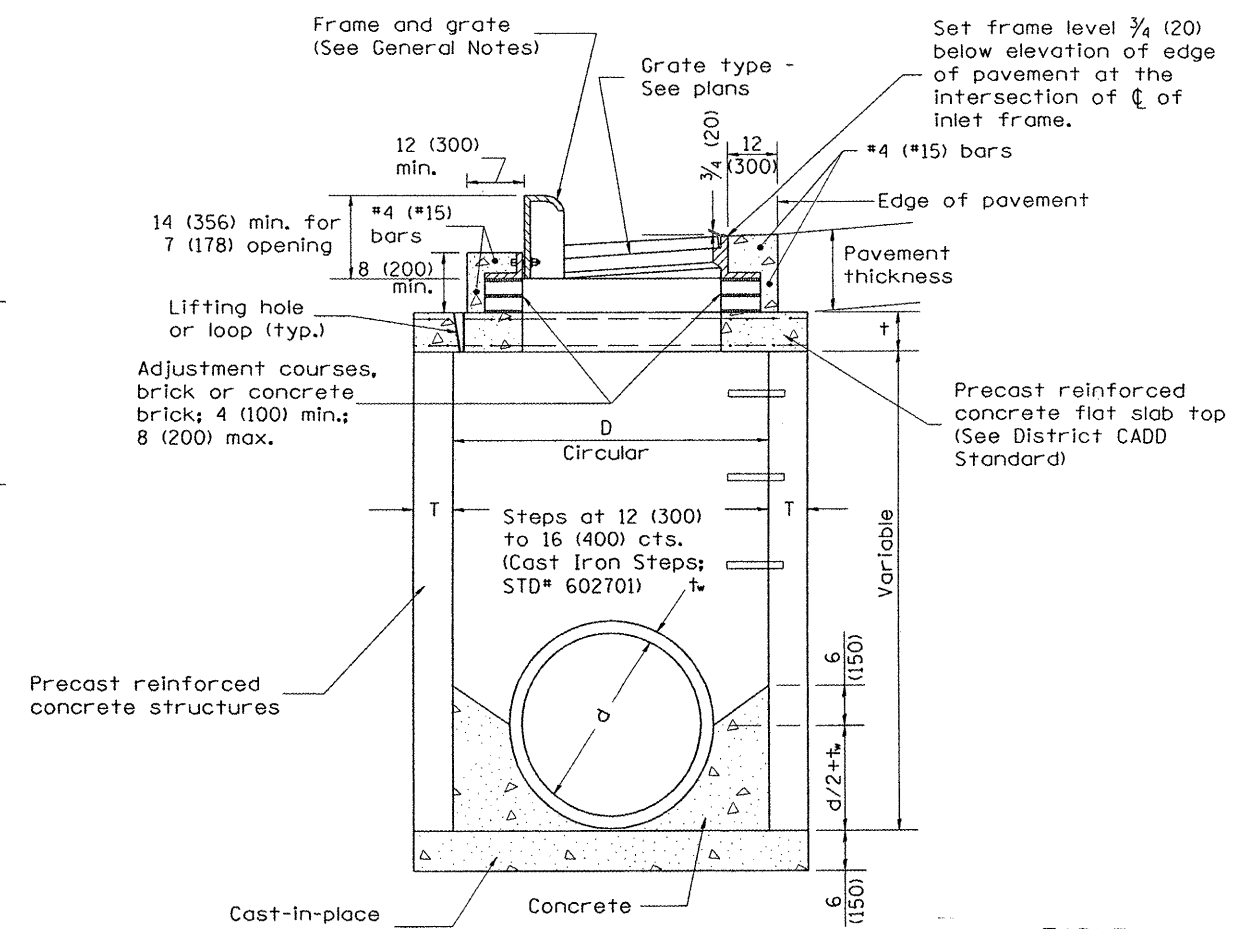
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6745	07-00130-03-PV	TAZEWELL	39	22
CONTRACT NO. 89481				
ILLINOIS FED. AID PROJECT				



PLAN



ELEVATION (FRONT)



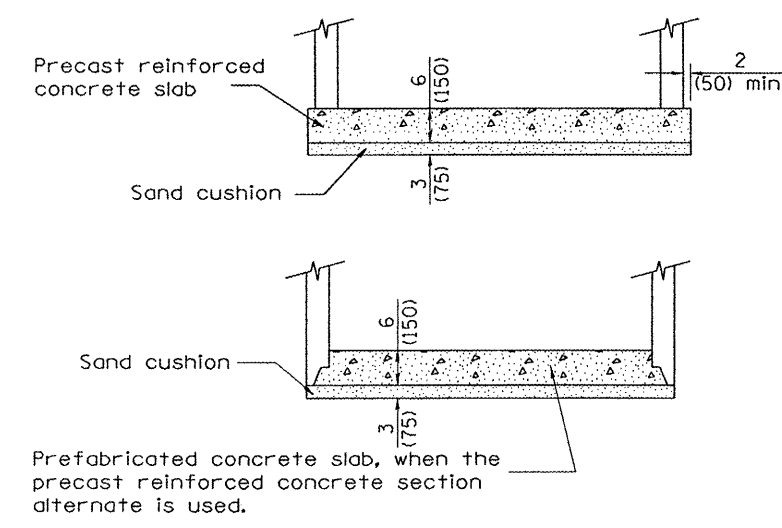
ELEVATION (SIDE)

TABLE

D	T	†
4' (1.2m)	5 (125)	6 (150)
5' (1.5m)	6 (150)	8 (200)
6' (1.8m)	7 3/4 (195)	8 (200)
8' (2.4m)	9 (225)	10 (250)

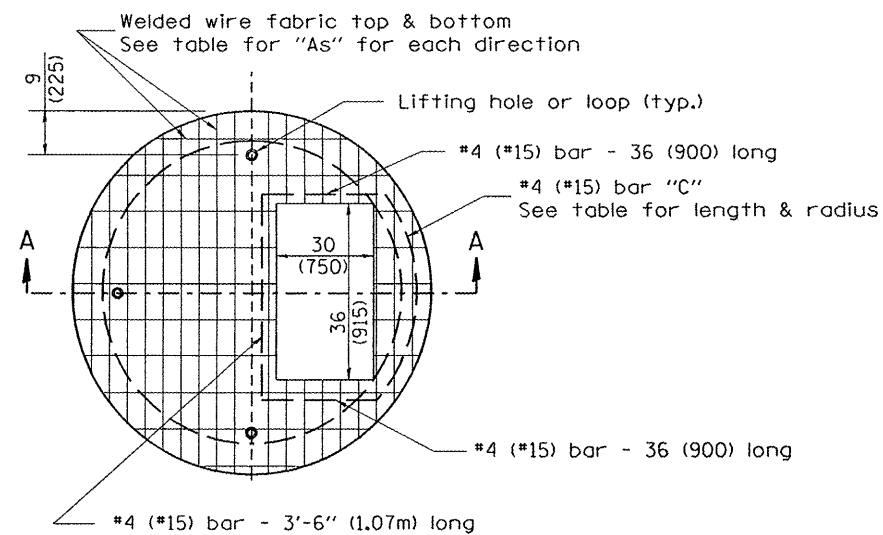
GENERAL NOTES

1. Inlet-manhole construction shall be in accordance with Section 602 of the Standard Specifications.
2. Combination concrete curb and gutter shall be constructed in accordance with Section 606 of the Standard Specifications.
3. See District CADD Standard 604001-D4 for frame and grates.
4. See District CADD Standard for precast reinforced concrete flat slab top.

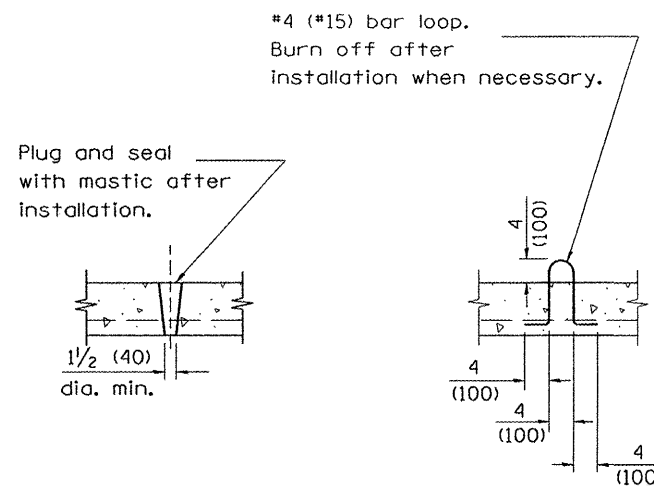


ALTERNATE BOTTOM SLAB

DESIGNER NOTES:

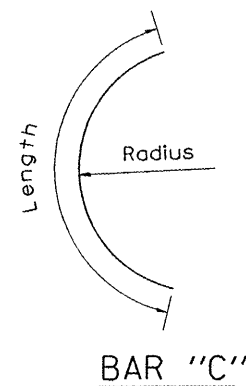


PLAN



LIFTING HOLE OR LIFTING LOOP
TYPICAL

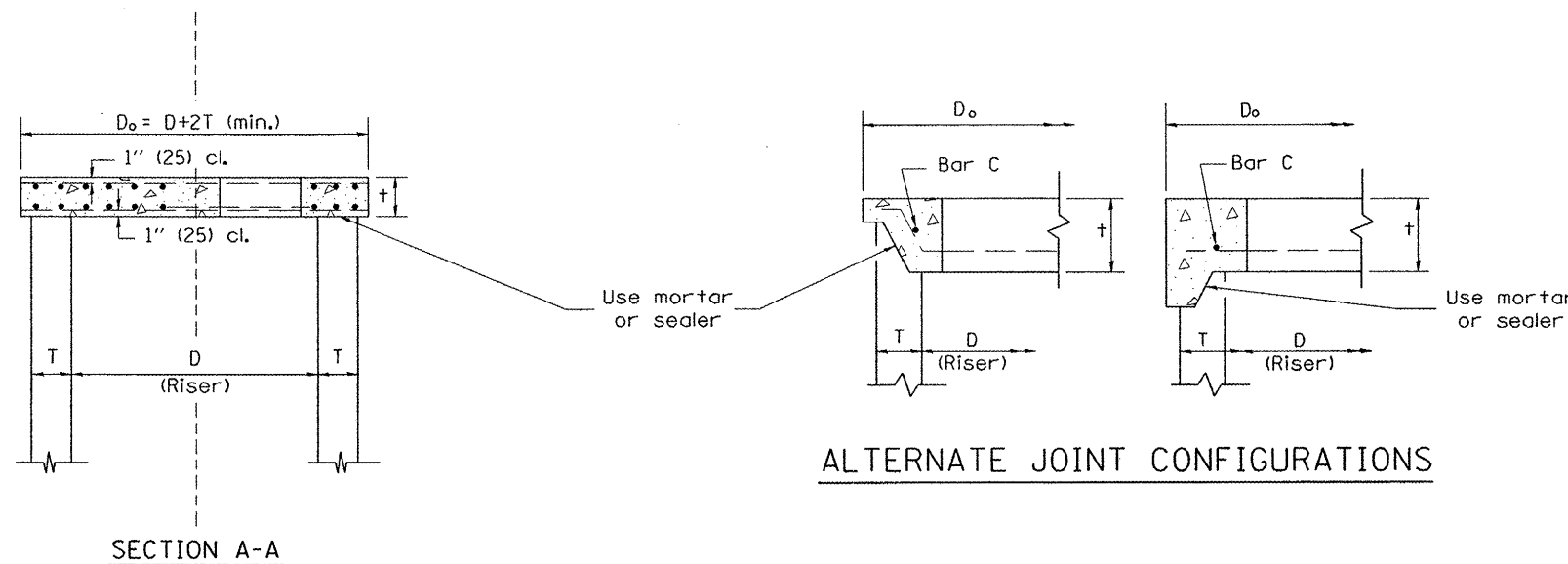
(3 required per slab)



BAR "C"

TABLE

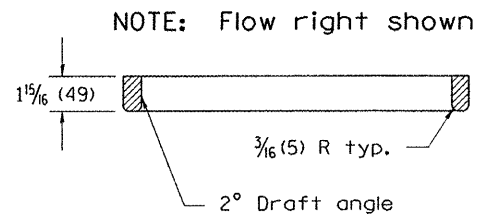
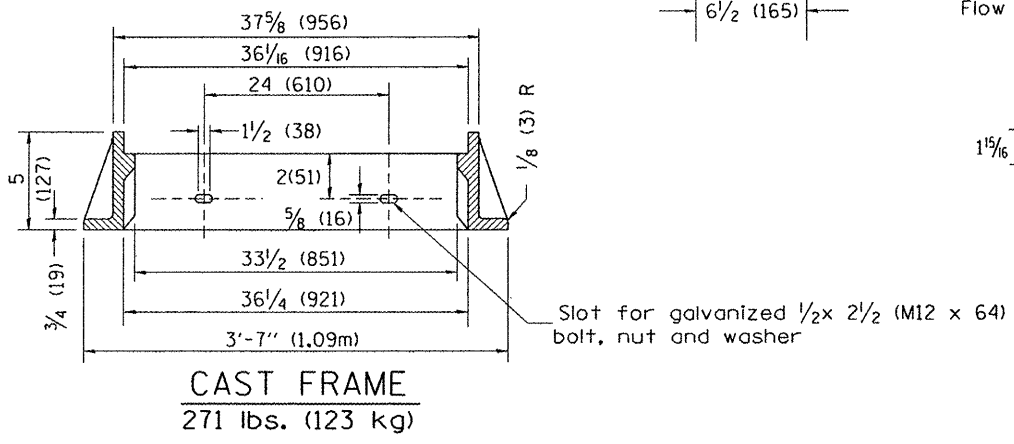
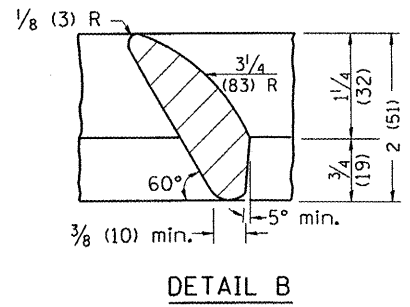
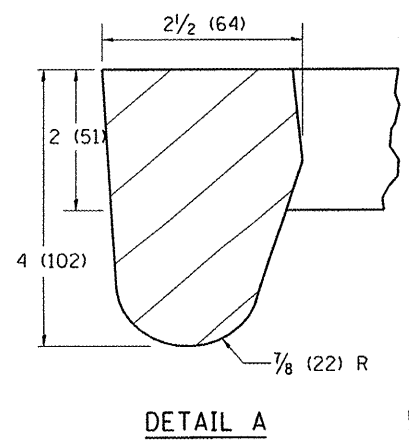
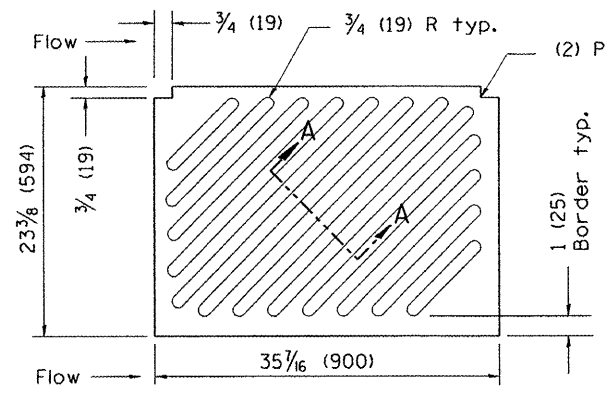
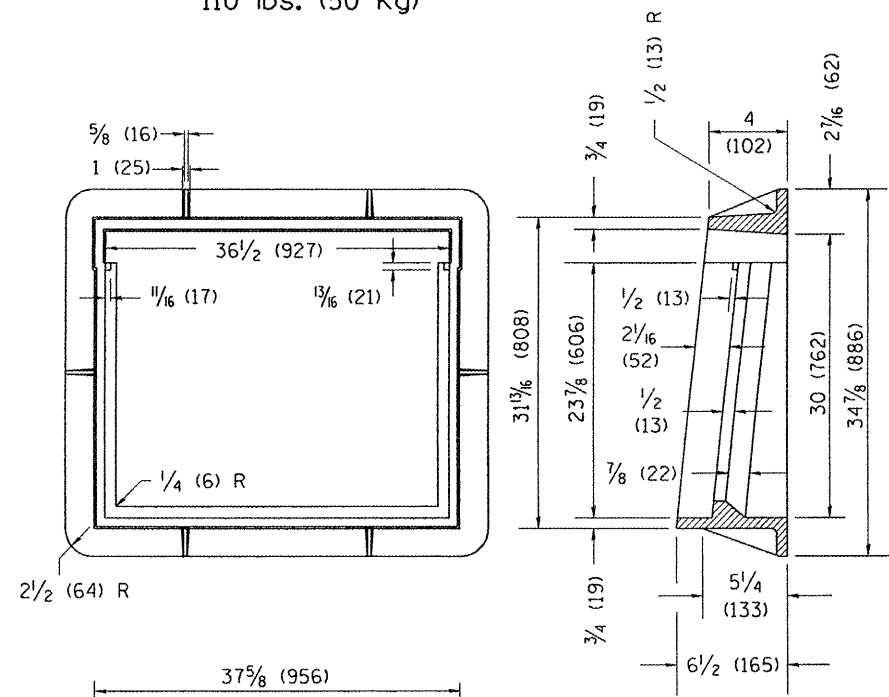
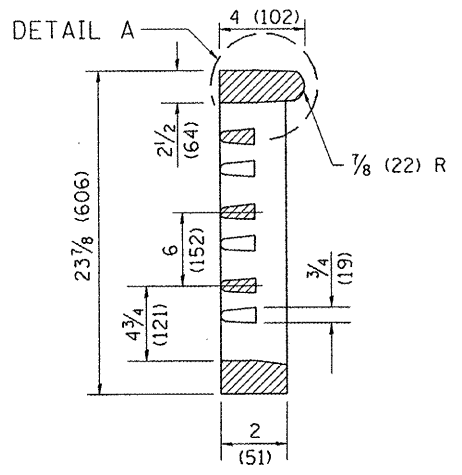
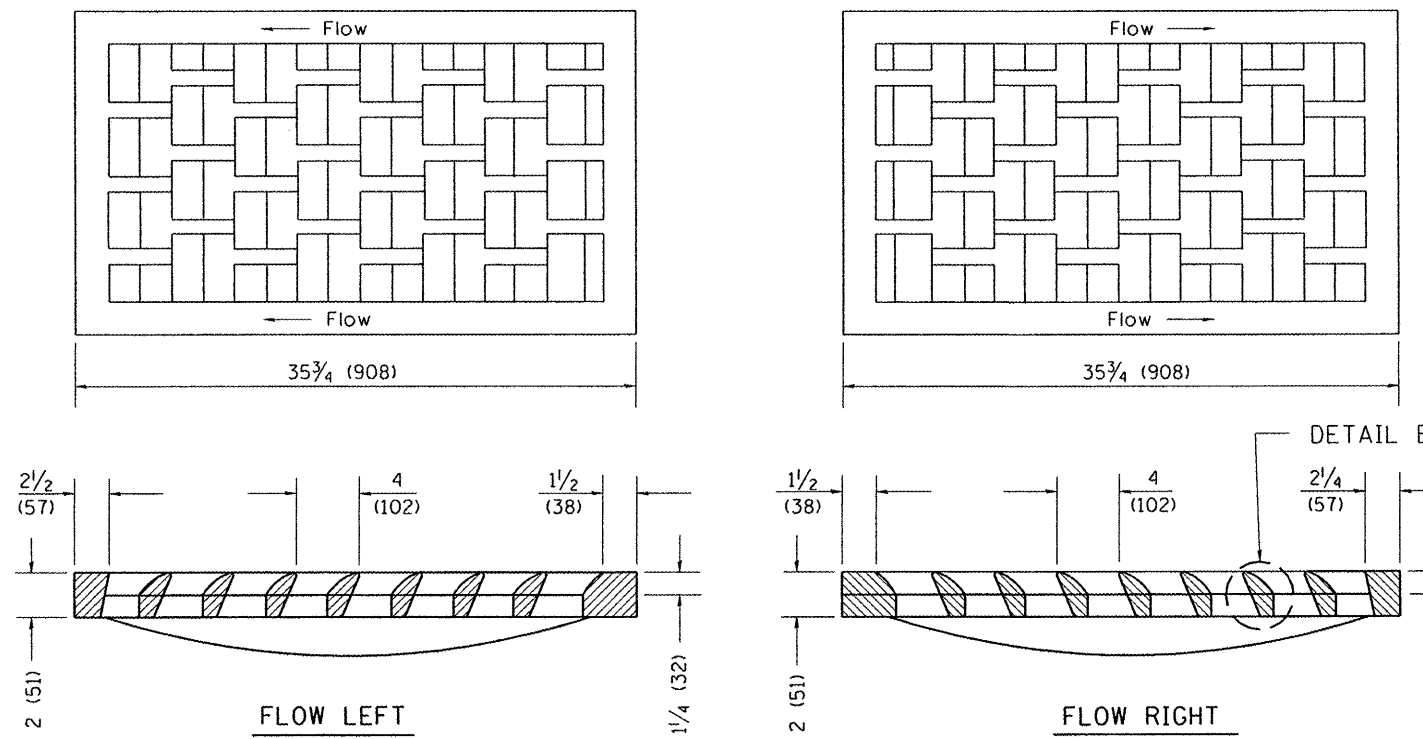
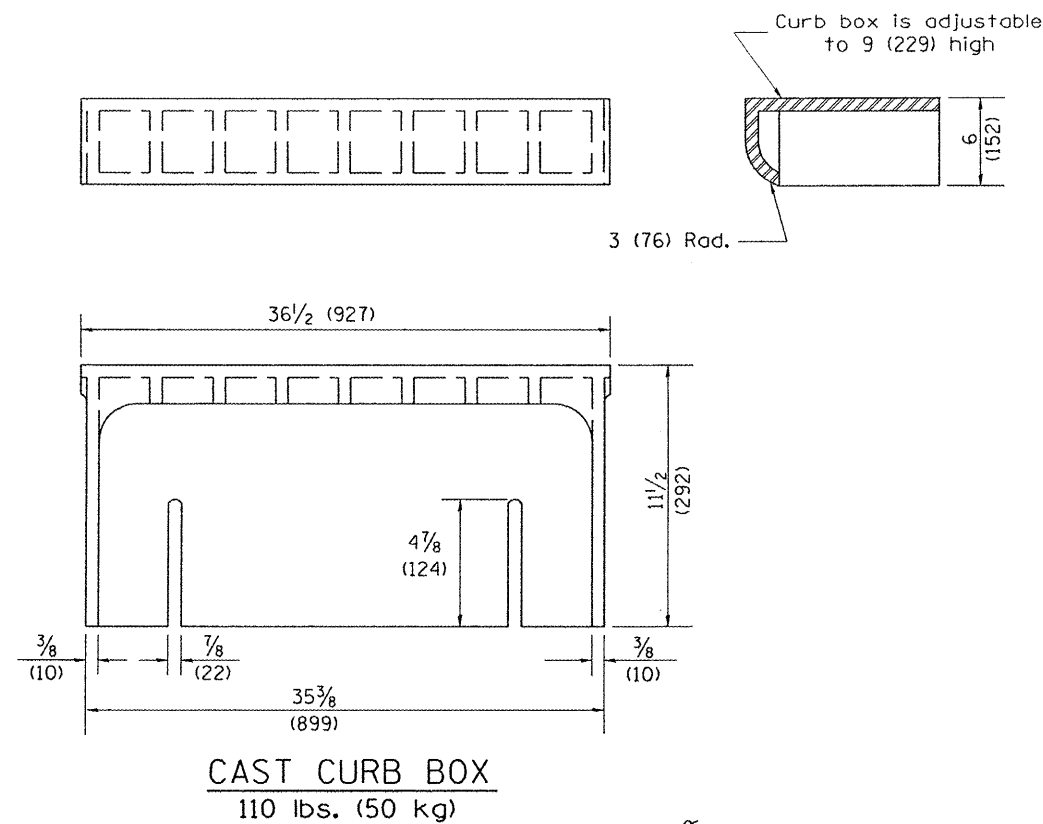
D	T	D _o (min.)	t	Reinforcement "As" W.W.F. each direction	Bar size	No. 15 (No. 4) Bar C	
						Length	Radius
4' (1.2m)	5 (125)	4'-10" (1.5m)	6 (150)	0.70 sq. inch/lin. ft. (1480mm ² /m)	No. 15 (No. 5)	1.35m (4'-6")	660 (26)
5' (1.5m)	6 (150)	6'-0" (1.8m)	8 (200)	0.70 sq. inch/lin. ft. (1480mm ² /m)	No. 15 (No. 5)	1.5m (5'-0")	810 (32)
6' (1.8m)	7 3/4 (195)	7'-3 1/2" (2.2m)	8 (200)	0.88 sq. inch/lin. ft. (1860mm ² /m)	No. 20 (No. 6)	1.8m (6'-0")	965 (38)
8' (2.4m)	9 (225)	9'-6" (2.9m)	10 (250)	0.88 sq. inch/lin. ft. (1860mm ² /m)	No. 20 (No. 6)	2.3m (7'-6")	1.27m (4'-2")



GENERAL NOTES

1. The precast reinforced concrete flat slab top shall be used with INLET-MANHOLE, TYPE G-1 and INLET-MANHOLE, TYPE G-1, SPECIAL.
2. Joint configuration and dimensions of flat slab top shall match and fit the riser joint detail.
3. Lifting devices shall be approved by the Engineer.

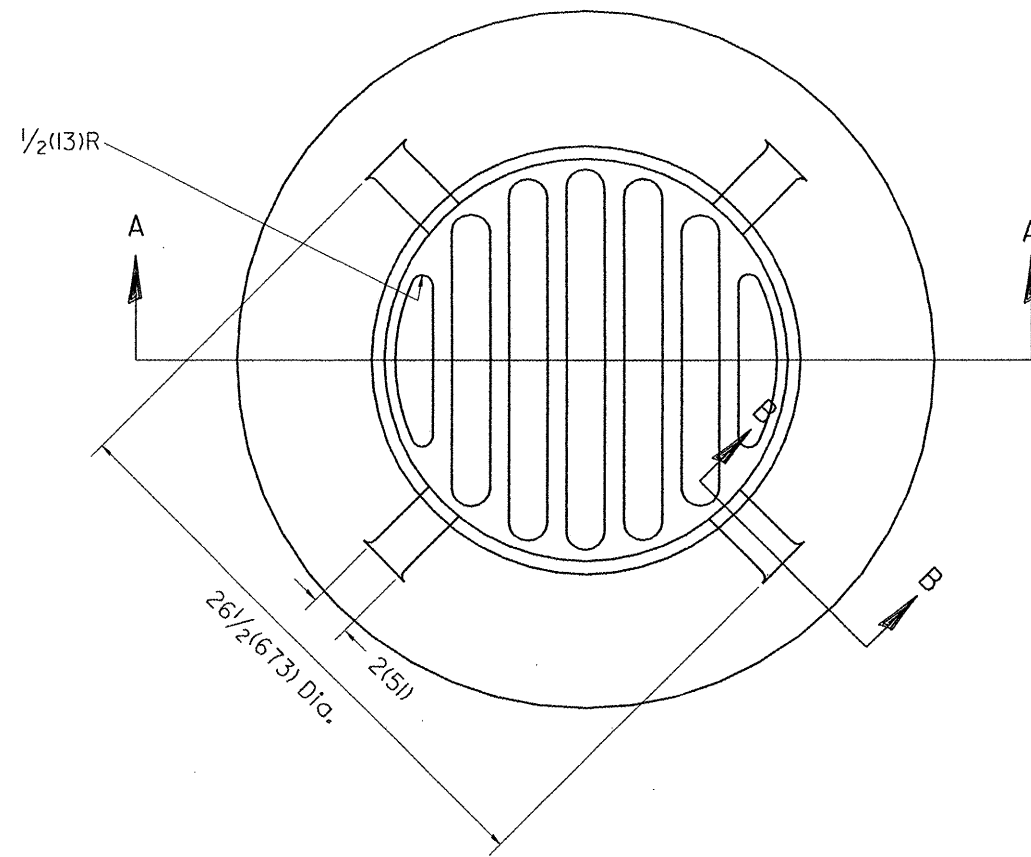
All dimensions are in inches (millimeters) unless otherwise noted.



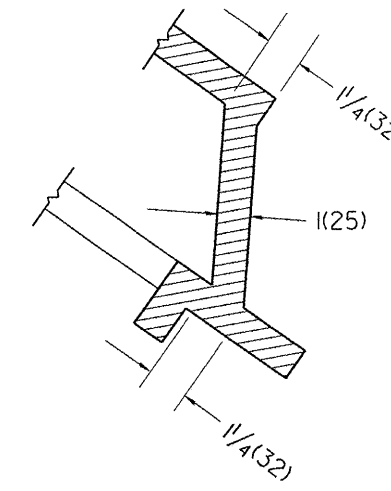
GENERAL NOTES

1. The frame and grate shown on this drawing are for use with all TYPE G-1 and TYPE G-1, SPECIAL DRAINAGE STRUCTURES. See plans for grate type and flow direction.
2. Flow direction: As viewed from street side.
3. Material: cast gray iron.

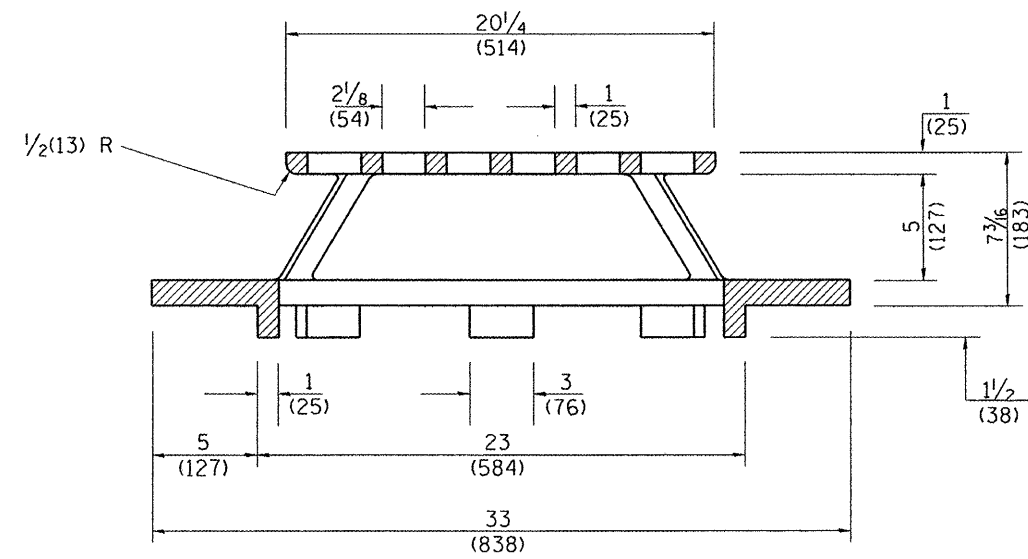
All dimensions are in inches (millimeters) unless otherwise noted.



PLAN



SECTION B - B



SECTION A - A

GENERAL NOTES

- MATERIAL - Cast Gray Iron
Weight 209 lbs (95 kg)

All dimensions are in inches (millimeters) unless otherwise noted.

FILE NAME =	USER NAME = rimbardle	DESIGNED - BAB/RAW	REVISED -
st\237\2010\23710006 (Centennial Drive Segment)	I:\PHI\1\CADD\CADD Sheets\489481-sht-detail	DRAWN - BAB	REVISED -
	PLOT SCALE = 100.0000' / IN.	CHECKED - RMB	REVISED -
	PLOT DATE = 3/3/2011	DATE - 03/02/2011	REVISED -



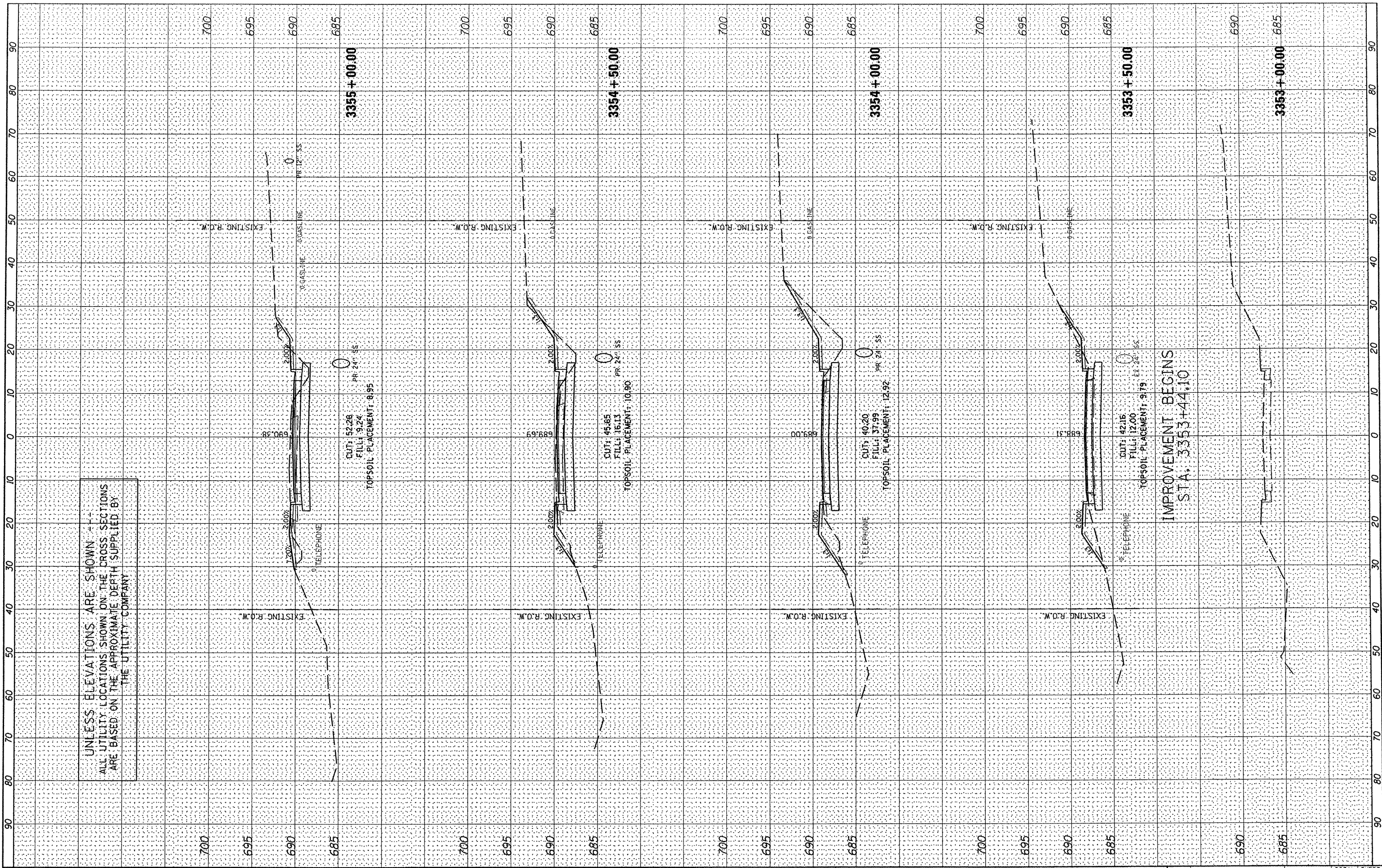
CENTENNIAL DRIVE PHASE IV			
TYPE 37 GRATE			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6745	07-00130-03-PV	TAZEWELL	39	26
CONTRACT NO. 89481				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	AREAS CHECKED		

UNLESS ELEVATIONS ARE SHOWN
ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS
ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY
THE UTILITY COMPANY



IMPROVEMENT BEGINS
STA. 3353+44.10

FILE NAME = s:\237\2010\23710006 (Centennial Drive Segment)\VP
USER NAME = rmbrodle
DRAWN - BAB
CHECKED - RMB
DATE - 03/02/2011

DESIGNED - BAB/RAW
REVISOR -
REVISOR -
REVISOR -
REVISOR -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CENTENNIAL DRIVE PHASE IV
CROSS SECTIONS

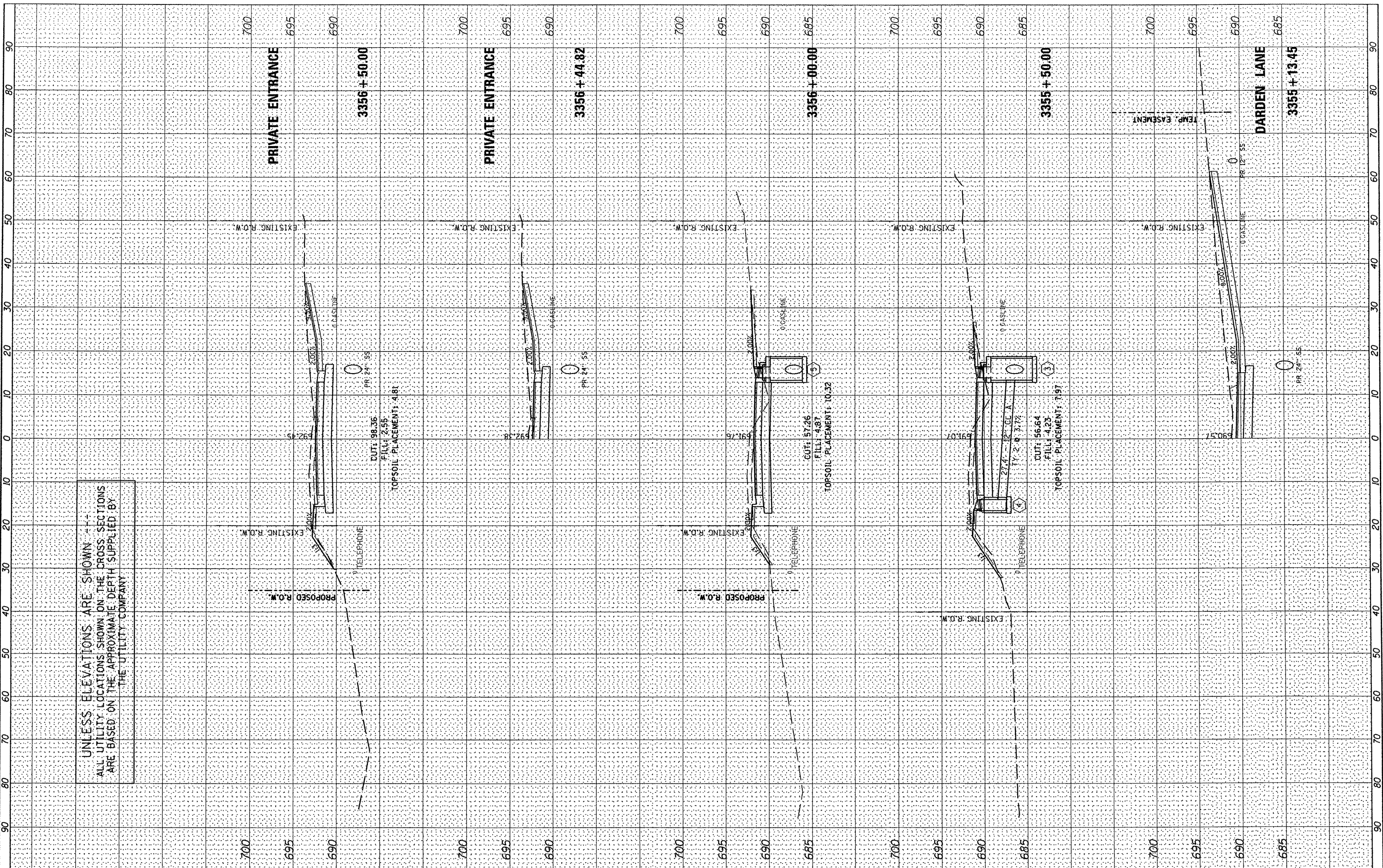
SCALE: SHEET NO. 1 OF 13 SHEETS STA. 3353+00.00 TO STA. 3355+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6745	07-00130-03-PV	TAZEWELL	39	27
CONTRACT NO. 89481				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		
	AREAS CHECKED		

UNLESS ELEVATIONS ARE SHOWN --
ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS
ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY
THE UTILITY COMPANY



FILE NAME =	USER NAME = rmbrodie	DESIGNED - BAB/RAW	REVISED -
s:\237\2010\23710006 (CentennialDriveSegment)VP	IND\CADD\CADD Sheets\0489481-sht-xsc.dgn	DRAWN - BAB	REVISED -
	PLOT SCALE = 20,0000' / IN.	CHECKED - RMB	REVISED -
	PLOT DATE = 3/3/2011	DATE - 03/02/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

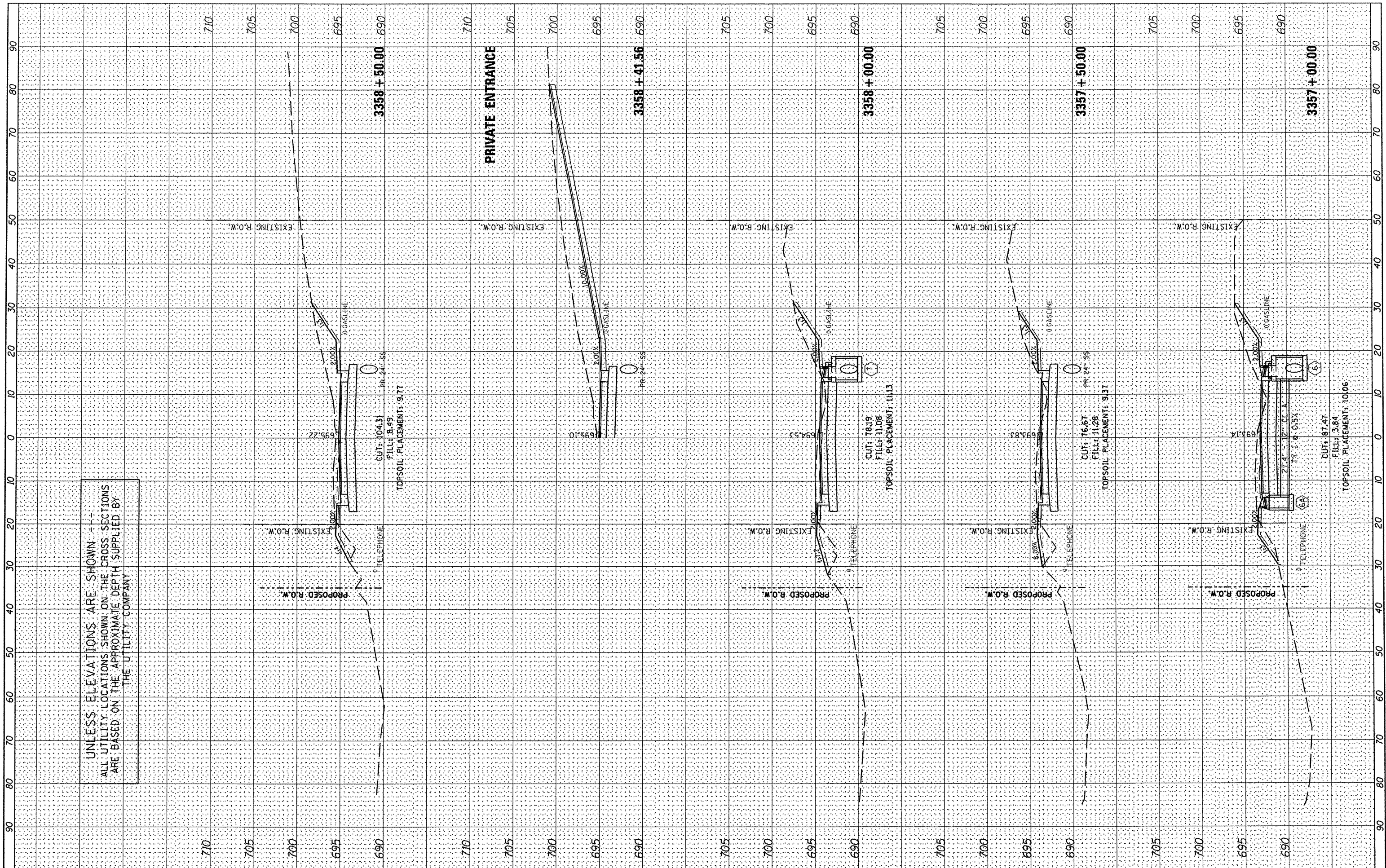
CENTENNIAL DRIVE PHASE IV
CROSS SECTIONS

SCALE: SHEET NO. 2 OF 13 SHEETS STA. 3355+13.45 TO STA. 3356+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6745	07-00130-03-PV	TAZEWELL	39	28
CONTRACT NO. 89481			ILLINOIS FED. AID PROJECT	

FINAL SURVEY	DATE
SURVEYED	BY
NOTE BOOK	
TEMPLATE	
AREAS CHECKED	
NO.	

ORIGINAL SURVEY	DATE
SURVEYED	BY
NOTE BOOK	
TEMPLATE	
AREAS CHECKED	
NO.	



FILE NAME = \\237\2010\23710006 (Centennial Drive Segment)VP
 USER NAME = rbradley
 DESIGNED - BAB/RAW
 DRAWN - BAB
 CHECKED - RMB
 DATE - 03/02/2011

REVISIONS
 REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CENTENNIAL DRIVE PHASE IV
 CROSS SECTIONS

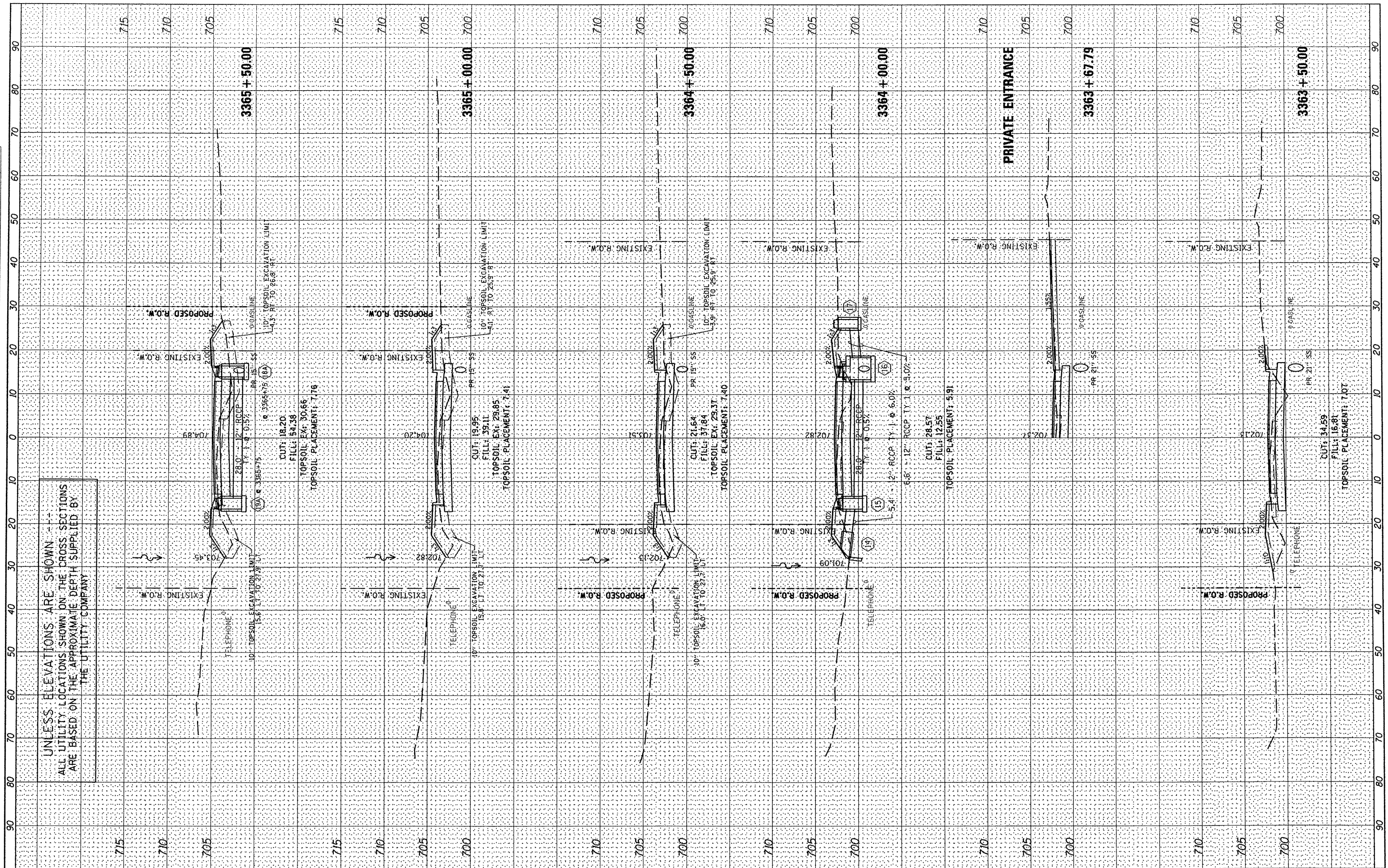
SCALE: _____ SHEET NO. 3 OF 13 SHEETS STA. 3357+00.00 TO STA. 3358+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6745	07-00130-03-PV	TAZEWELL	39	29
CONTRACT NO. 89481			ILLINOIS FED. AID PROJECT	

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	DATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	DATE		
	AREAS CHECKED		

UNLESS ELEVATIONS ARE SHOWN ---
ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS
ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY
THE UTILITY COMPANY



FILE NAME = sr:\237\2010\23710006 (Centennial DriveSegment)VP
 USER NAME = rmbrodie
 PLOT SCALE = 28.0000 / IN.
 PLOT DATE = 3/3/2011

DESIGNED - BAB/RAW	REVISED -
DRAWN - BAB	REVISED -
CHECKED - RMB	REVISED -
DATE - 03/02/2011	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

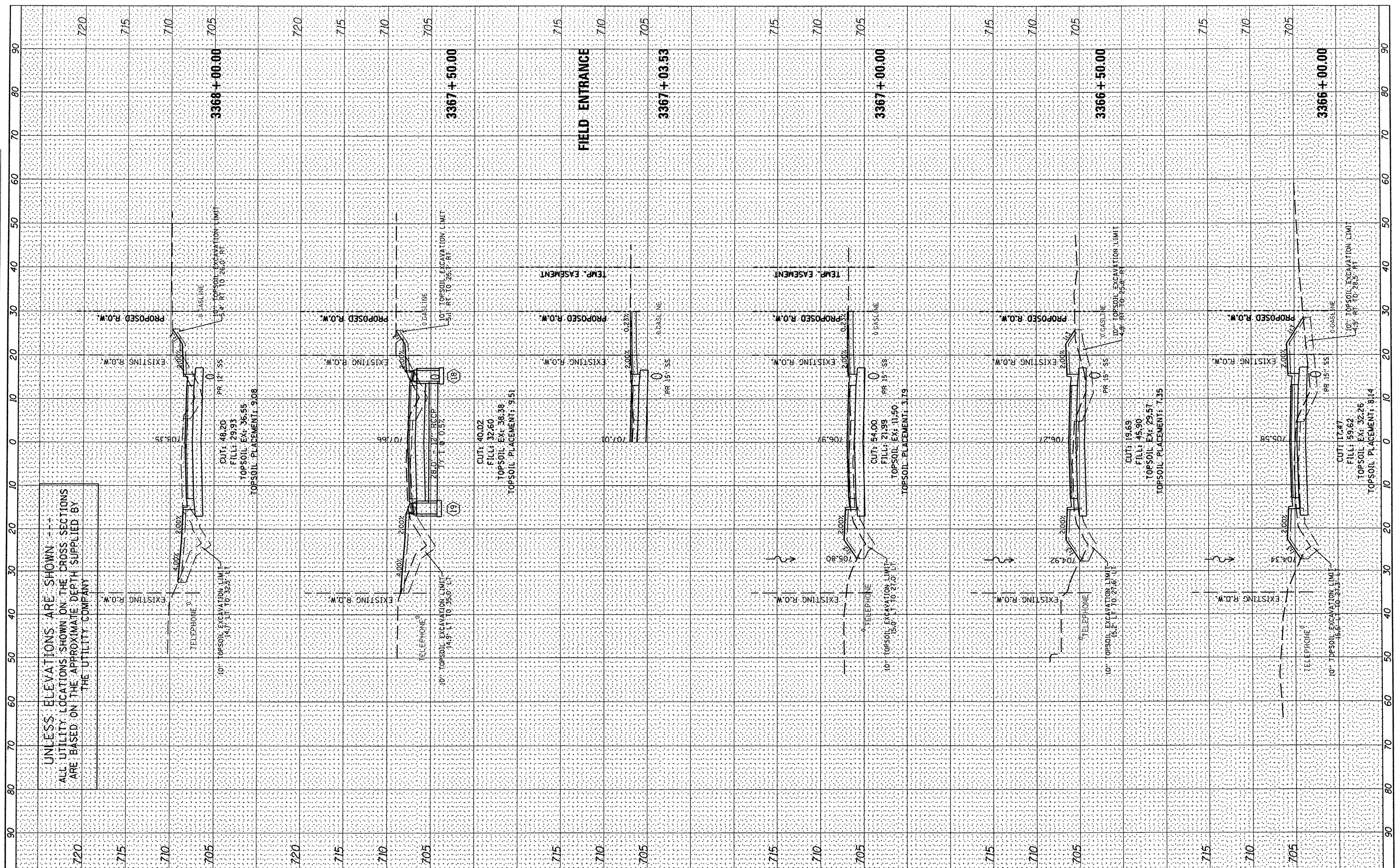
**CENTENNIAL DRIVE PHASE IV
CROSS SECTIONS**

SCALE: ----- SHEET NO. 6 OF 13 SHEETS STA. 3363+50.00 TO STA. 3365+50.00

F.A.U. RTE. 6745	SECTION 07-00130-03-PV	COUNTY TAZEWELL	TOTAL SHEETS 39	SHEET NO. 32
CONTRACT NO. 89481			ILLINOIS FED. AID PROJECT	

FINAL SURVEY	DATE
NOTED	BY
NO. _____	
AREAS CHECKED	

ORIGINAL SURVEY	DATE
NOTED	BY
NO. _____	
AREAS CHECKED	



UNLESS ELEVATIONS ARE SHOWN --- ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY

FILE NAME = s:\237\2010\23710006 (Centennial)DriveSegment1VP
 USER NAME = rmbrodie
 DESIGNED - BAB/RAW
 DRAWN - BAB
 CHECKED - RMB
 DATE - 03/02/2011

REVISIONS
 REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

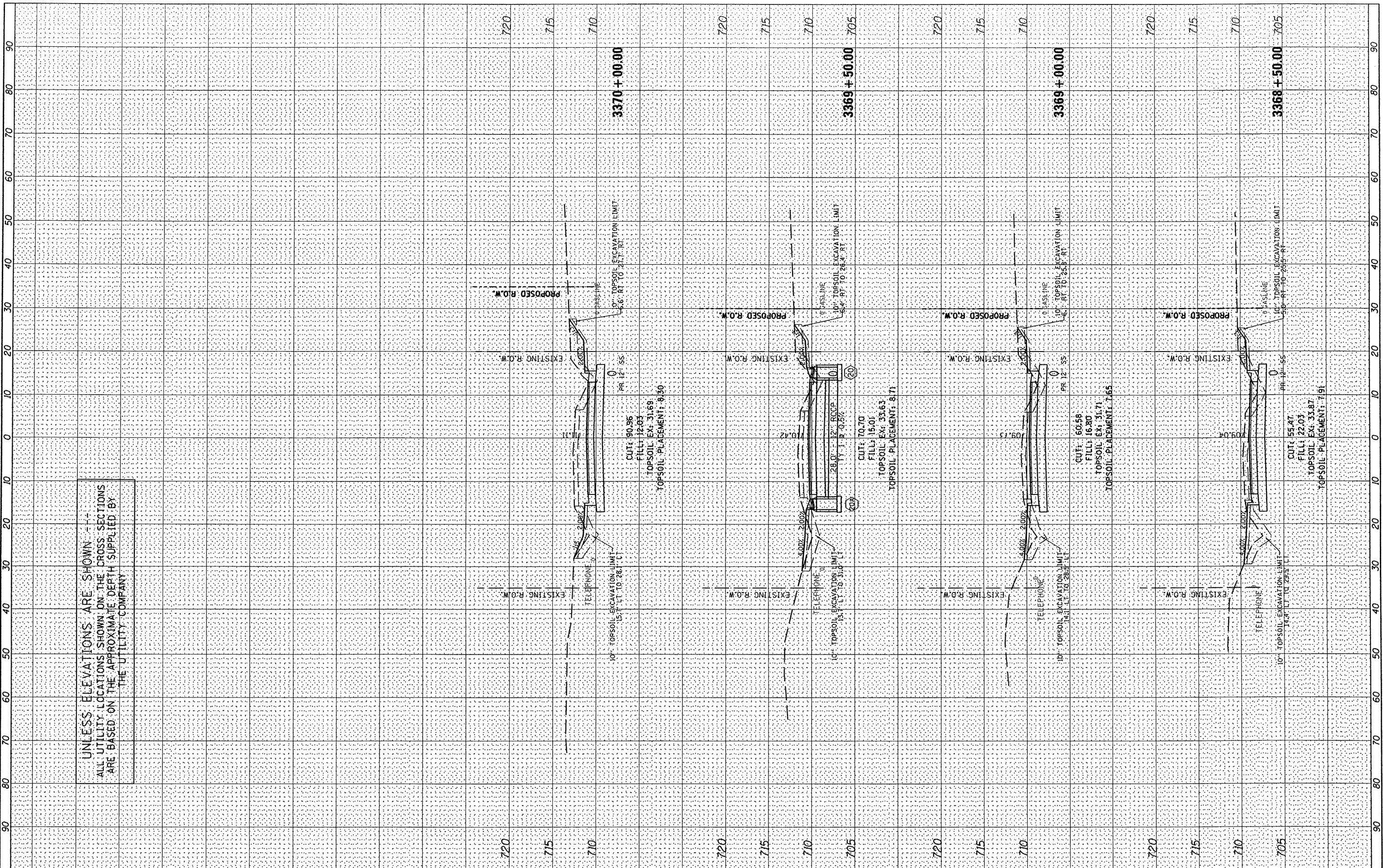
CENTENNIAL DRIVE PHASE IV
 CROSS SECTIONS

SCALE: SHEET NO. 7 OF 13 SHEETS STA. 3366+00.00 TO STA. 3367+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6745	07-00130-03-PV	TAZEWELL	39	33
CONTRACT NO. 89481			ILLINOIS FED. AID PROJECT	

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	AREAS CHECKED		

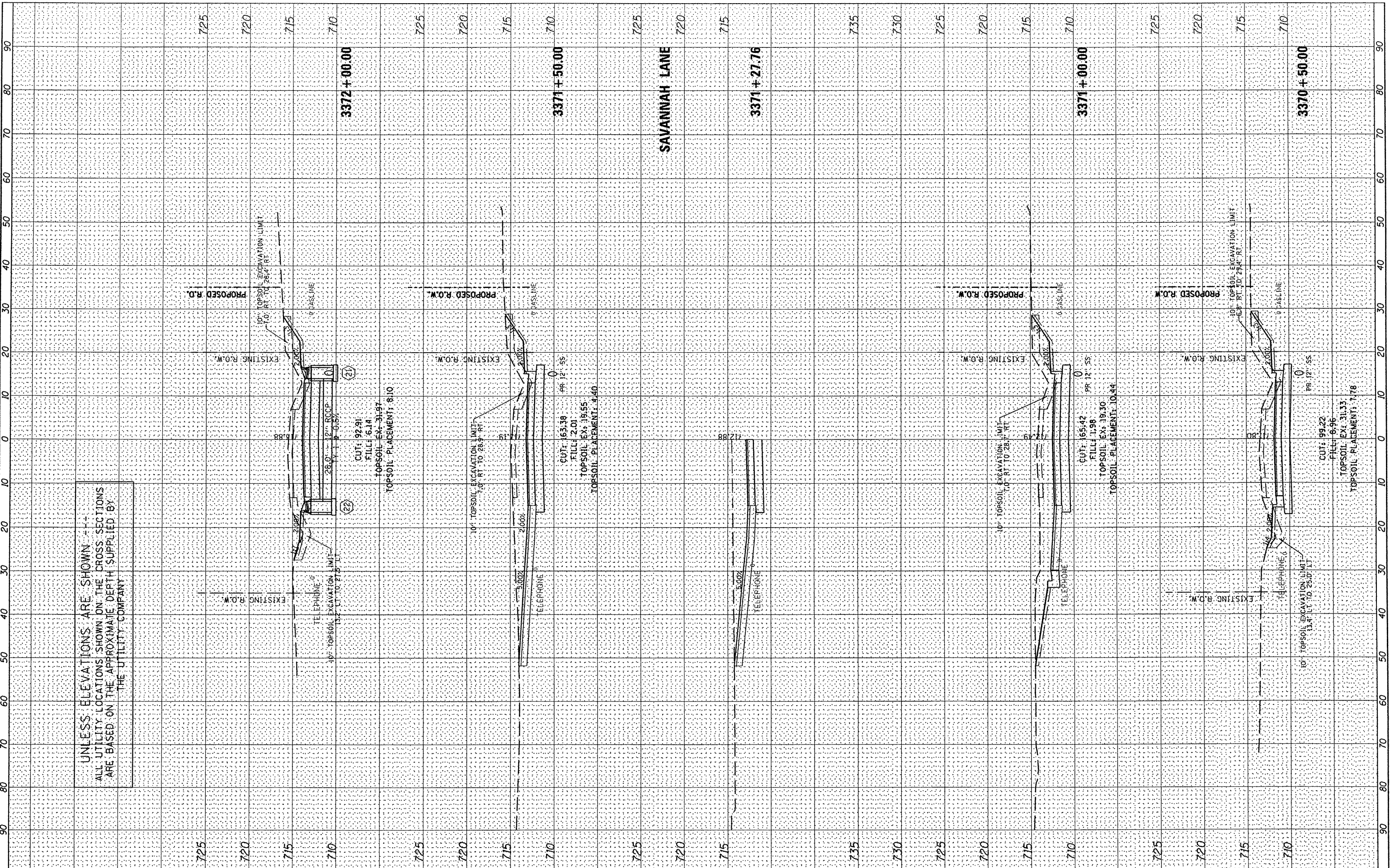


UNLESS ELEVATIONS ARE SHOWN -- --
ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS
ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY
THE UTILITY COMPANY

FILE NAME = s:\237\2010\23710006 (Centennial Drive Segment)VP	USER NAME = rmbrodie	DESIGNED - BAB/RAW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CENTENNIAL DRIVE PHASE IV CROSS SECTIONS		F.A.U. RTE. 6745	SECTION 07-00130-03-PV	COUNTY TAZEWELL	TOTAL SHEETS 39	SHEET NO. 34	
	PLT SCALE = 20,0000 / IN.	DRAWN - BAB	REVISED -		SCALE: -----	SHEET NO. 8 OF 13 SHEETS	STA. 3368+50.00 TO STA. 3370+00.00	CONTRACT NO. 89481				
	PLT DATE = 3/3/2011	CHECKED - RMB	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE - 03/02/2011	REVISED -									

FINAL SURVEY	DATE
PLOTTED	BY
NOTE BOOK	NO.
AREAS CHECKED	

ORIGINAL SURVEY	DATE
NOTE BOOK	NO.
AREAS CHECKED	



UNLESS ELEVATIONS ARE SHOWN
ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS
ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY
THE UTILITY COMPANY

FILE NAME = s:\237\2010\23710006 (CentennialDriveSegment)VP
USER NAME = rmbredie
DESIGNED - BAB/RAW
DRAWN - BAB
CHECKED - RMB
DATE - 03/02/2011

REVISIONS
REVISED -
REVISED -
REVISED -
REVISED -

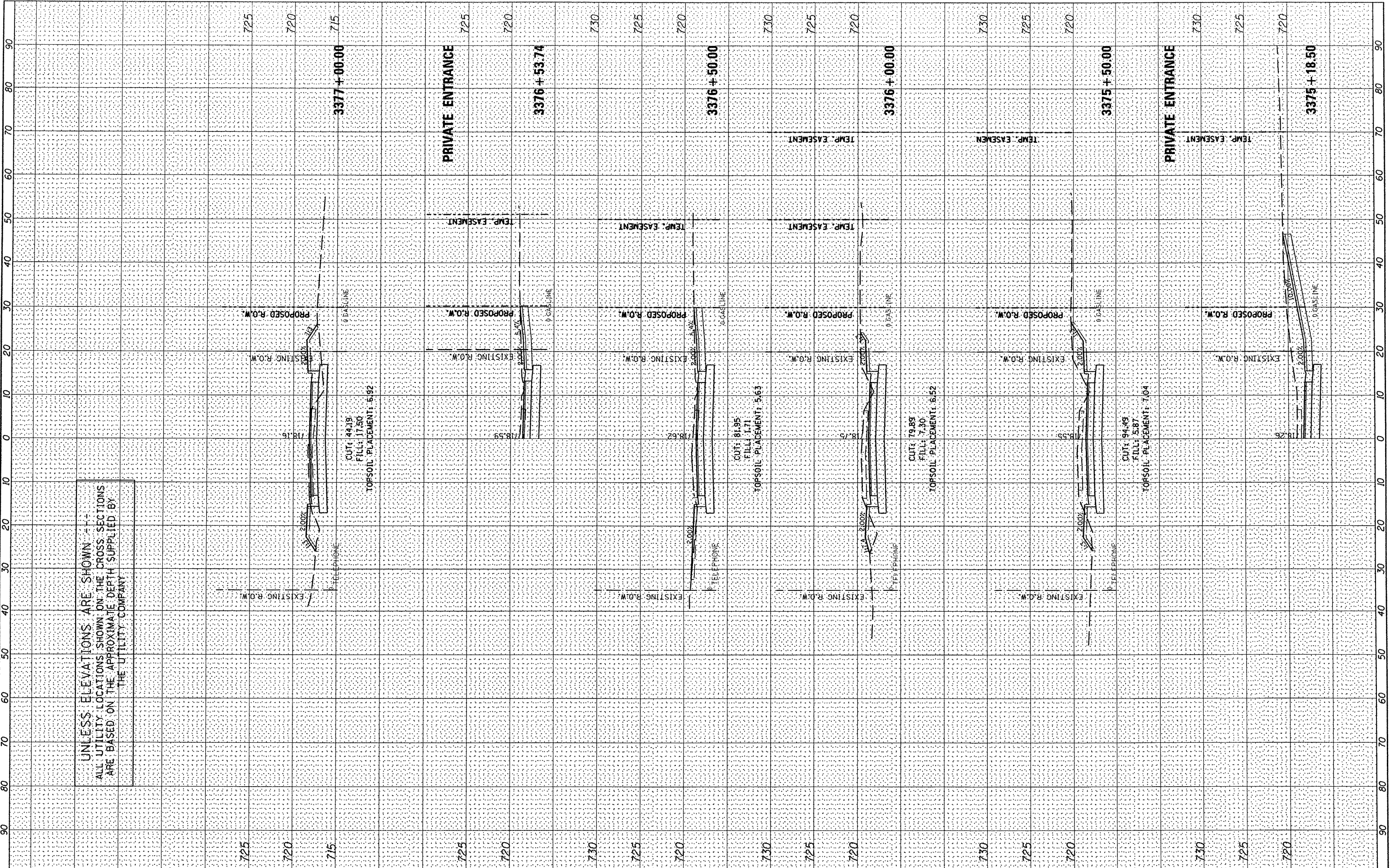
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CENTENNIAL DRIVE PHASE IV
CROSS SECTIONS
SCALE: SHEET NO. 9 OF 13 SHEETS STA. 3370+50.00 TO STA. 3372+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6745	07-00130-03-PV	TAZEWELL	39	35
CONTRACT NO. 89481				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	DATE
SURVEYED	BY
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

ORIGINAL SURVEY	DATE
SURVEYED	BY
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

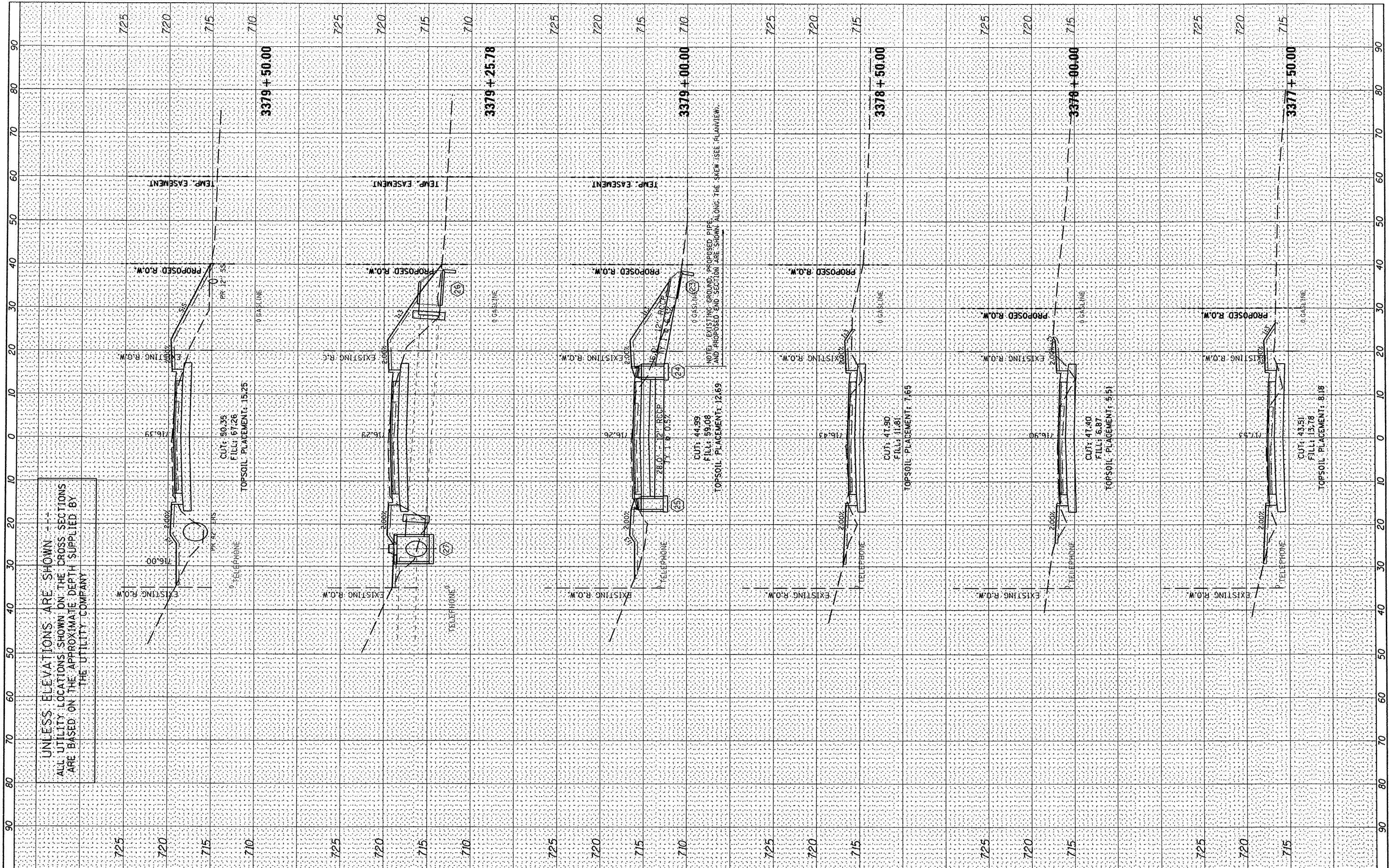


FILE NAME = s:\237\2010\23710006 (CentennialDriveSegment)VP	USER NAME = rmbredle	DESIGNED - BAB/RAW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CENTENNIAL DRIVE PHASE IV CROSS SECTIONS			F.A.U. RTE. 6745	SECTION 07-00130-03-PV	COUNTY TAZEWELL	TOTAL SHEETS 39	SHEET NO. 37
	IT:\CADD\CADD Sheets\0489481-sht-xsc.dgn	DRAWN - BAB	REVISED -		SCALE: _____	SHEET NO. 11 OF 13 SHEETS	STA. 3375+18.50 TO STA. 3377+00.00	ILLINOIS FED. AID PROJECT CONTRACT NO. 89481				
	PLOT SCALE = 20,0000 / IN.	CHECKED - RMB	REVISED -									
	PLOT DATE = 3/3/2011	DATE - 03/02/2011	REVISED -									

FINAL SURVEY PLOTTED	BY	DATE
NOTE BOOK		
AREAS CHECKED		
NO.		

ORIGINAL SURVEY PLOTTED	BY	DATE
NOTE BOOK		
AREAS CHECKED		
NO.		

UNLESS ELEVATIONS ARE SHOWN ---
ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS
ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY
THE UTILITY COMPANY



FILE NAME = s:\237\2010\23710006 (CentennialDriveSegment)VP
 USER NAME = rmbrodie
 DESIGNED - BAB/RAW
 DRAWN - BAB
 CHECKED - RMB
 DATE - 03/02/2011

REVISIONS
 REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CENTENNIAL DRIVE PHASE IV
 CROSS SECTIONS

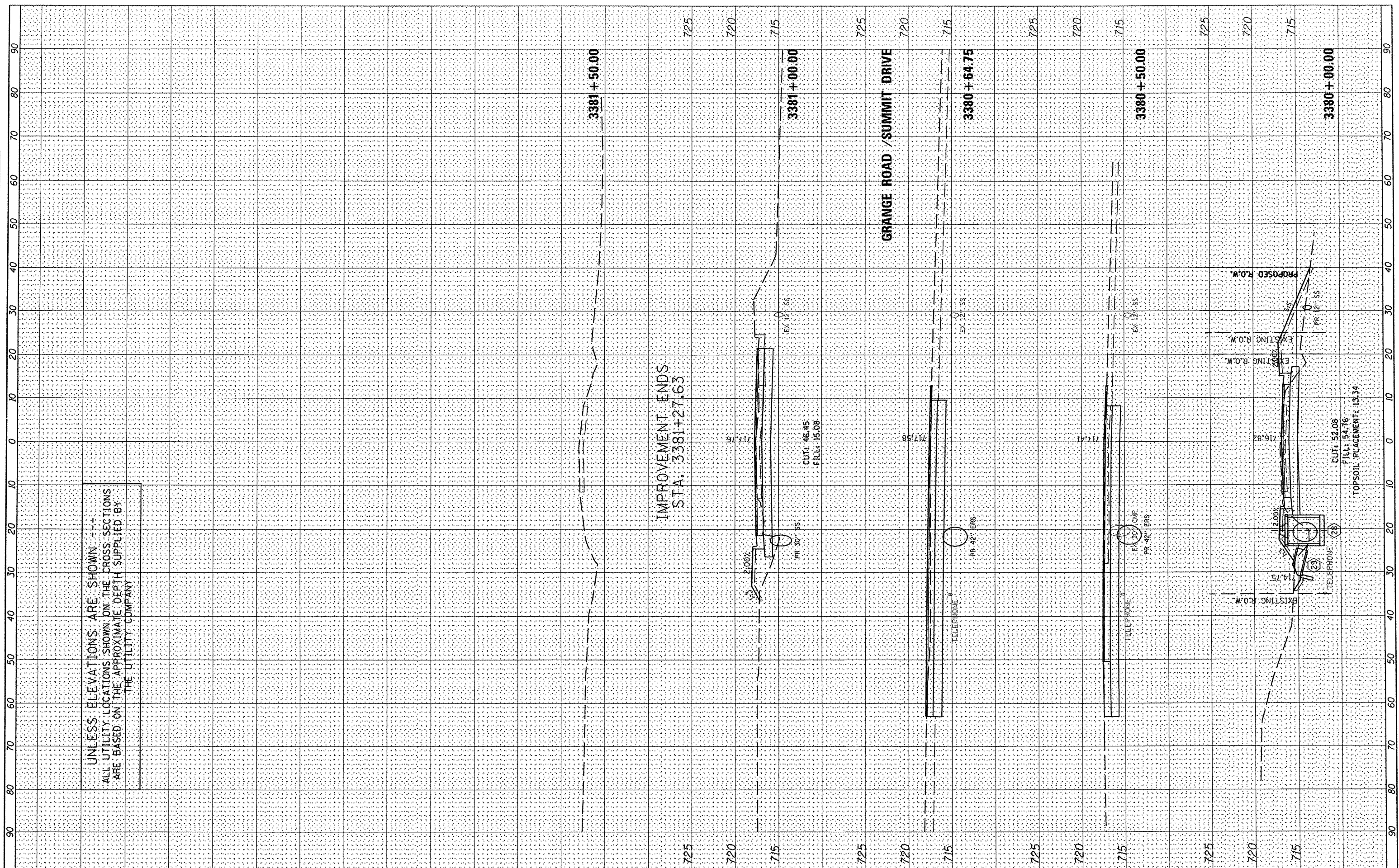
SCALE: SHEET NO. 12 OF 13 SHEETS STA. 3377+50.00 TO STA. 3379+50.00

F.A.I.R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6745	07-00130-03-PV	TAZEWELL	39	38
CONTRACT NO. 89481			ILLINOIS FED. AID PROJECT	

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	AREAS CHECKED		

UNLESS ELEVATIONS ARE SHOWN --
ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS
ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY
THE UTILITY COMPANY



IMPROVEMENT ENDS
STA. 3381+27.63

GRANGE ROAD / SUMMIT DRIVE

FILE NAME = s:\237\2010\23710006 (Centennial)DriveSegment1VP
USER NAME = rbradley
DESIGNED - BAB/RAW
DRAWN - BAB
CHECKED - RMB
DATE - 03/02/2011

REVISIONS
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CENTENNIAL DRIVE PHASE IV
CROSS SECTIONS

SCALE: SHEET NO. 13 OF 13 SHEETS STA. 3380+00.00 TO STA. 3381+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6745	07-00130-03-PV	TAZEWELL	39	39
CONTRACT NO. 89481			ILLINOIS FED. AID PROJECT	